

ABOUT US



Incorporated in 2014, Geofactory's origins with the supplying and manufacturing tools & consumables for the preparation of cores samples in the Oil & Gas industry.

During its evolution, Geofactory has incessantly focused its efforts on finding solutions and innovations for the geological challenges.

Our field of expertise allows us to offer solutions in rock sampling preparation, HD photography, spectrometry, or special packaging.

Our knowledge also allowed us to strengthen our presence on-site operations (offshore/onshore) and today we are active across also in mining, geotechnics, civil engineering, and earth sciences activities.













SUMMARY





WELLSITE PROCESSING



STABILIZATION & PRESERVATION



SAWING & PLUGGING



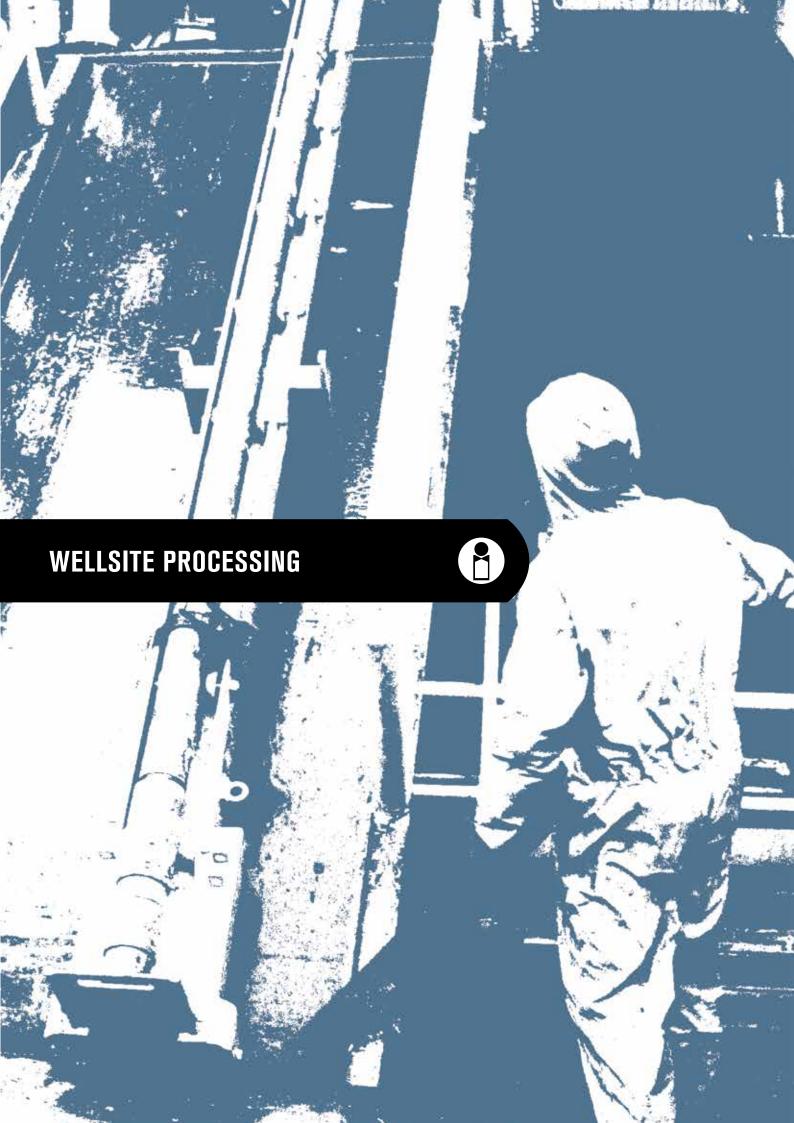
PROFILING & IMAGING



PACKAGING & TRANSPORTATION



ONSITE SERVICES & SPECIAL PROJECTS

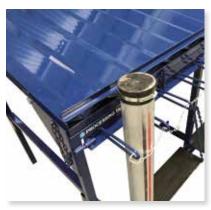




WELLSITE PROCESSING

CORE HANDLING SUPPORT AND PREPARATION









DRAINING TABLE

PROCESSING TABLE

MINING TABLE

Geofactory has designed a range of core supports to optimize handling and processing in an onsite environment. Perfectly adapted to preserve all core diameters with foam or epoxy, these tools are extremely robust and removable for easy shipment. Associated with an adapted tool box and a kit for marking all these items will ensure a perfect setup for your core handling operation.

Ref.	Model	Material	Dimensions	Weight
PREP-101	Draining table Recommended- Resin preservation	Steel	1910x1246x1240 mm 6.3x4x4 ft	147 Kg 324.05 lbs
PREP-102	Processing table Recommended- Foam preservation	Stainless Steel	2240x750x930 mm 7.5x2.5x3.1 ft	58 Kg 127.87 lbs
PREP-103	Inner tube support Recommended- Full core barrel	Steel Rubber	220x200x350 mm 8.7x7.9x13.8 in	22 Kg 48.5 lbs
PREP-104	Mining Table Core capacity 14 m / 45 ft per unit	Steel	2000x820x2150 mm / 78.74 x 32.28 x 84.65 in	

Ref.	Description	Overview
PREP-201	Personal protective equipment Branded & Certified Equipment	
PREP-202	Marking kit Designed according to your needs	
PREP-203	Tool box Designed according to your needs	1 0 7



WELLSITE PROCESSING



CORE HANDLING SUPPORT AND PREPARATION

Ref.	Description	Overview
PREP-301	Caps Consult available size Minimum quantity required	
PREP-302	Insert clips All sizes Minimum quantity required	010
PREP-303	Band-it clamping system For manual use	
FERA-012	Stick wax lubricant When sawing inner tube and core on the surface	J.L.





CORE STABILIZATION > ORIGINAL FOAM









CHEMICAL CYLINDERS

KIT OF FOAM

GUN HOSE ASSEMBLY

The foam (FP-180) is needed to stabilize the core sample during the core processing operation. The technician can stabilize around 30 meters / 95 feet of core per set of foam on average (Depending on annulus size & the technician's experience in controlling foam expansion and its progress inside the tube). Note that ventilation is required and special PPE must be worn.

Ref.	Model	Material	Dimensions	Weight
STAB-101	Set of foam	Polymer	400x250x400 mm	17 Kg
	<i>Recommended- Full length stabilization</i>	Isomer	15.74x9.84x15.74 in	37.48lbs

Ref.	Description	Overview
STAB-102	Kit tools for injection Designed according to your needs	
STAB-103	Packet of 25 nozzles Anti-crossover system	4777



CORE STABILIZATION > GEOSHIM STRIPS









INTRODUCING SHIM INTO THE ANNULUS

The GeoShim is inserted into the annulus to fix the piece of rock and fractures. Easy to handle and easy to remove in the laboratory, different sizes and material (PTFE / PVC) are available in order to guarantee perfect stabilization effect.

Ref.	Model	Material	Dimensions	Weight
STAB-401	Kit geoshim PTFE Easy insert into annulus	PTFE	As per your specifications	<0.3 Kg per shim <0.66 lbs per shim
STAB-402	Kit geoshim PVC Economical solution	PVC	As per your specifications	<0.2 Kg per shim <0.44 lbs per shim



CORE PRESERVATION > PARAFFIN WAX











GEOBATH LARGE (120 L)

GEOSEAL WAX

GEOBATH FOR PLUG

DE-WAXING SYSTEM

The Geobath wax melter series has been designed for melting waxes used during core preservation operations. It can heat waxes at a range of temperatures from 50°C to 200°C (122°F to 392°F) in order to suit all ranges of waxes available in the coring industry. They are also equipped with an adjustable thermostat and a thermal cutout in order to match the temperature to the melting point of the wax used. Its robust steel manufacture makes this product the perfect device for safe and intensive use at the well-site or under laboratory conditions.

Ref.	Model	Material	Dimensions	Weight
STAB-501	Geobath large (120 L) 220 V/ 50-60 Hz	Stainless steel	1640x450x450 mm 5.4x1.5x1.5 ft	130 Kg 286 lbs
STAB-502	Geobath medium (60 L) *220 V/ 50-60 Hz	Stainless steel	1030x450x450 mm 3.4x1.5x1.5 ft	80 Kg 176.37 lbs
STAB-508	Geobath for plug (2x5 L) 230 V/ 50 Hz	Steel	495x320x270 mm 19.5x12.6x10.6 in	9 Kg 19.84 lbs
PRES-102	Geoseal wax Melting point 75 °C Packaged in box for 10 Kg of wax	Paraffin	310x255x180 mm 12.20x10.03x7.08 in	10 Kg 22.05 lbs
STAB-509	De-waxing system 220 V Cutting depth: Up to 15 mm * Electrical conversion available under request	Stainless steel	110x48x110 mm 4.33x1.89x4.33 in	13 Kg 28.66 lbs

Ref.	Description	Overview	
STAB-511	Accessories for waxing Designed according to your needs		V
STAB-512	Kit for waxing- Plug samples Designed according to your needs		V





CORE PRESERVATION > PARAFFIN WAX

Ref.	Description	Overview
STAB-503	Trolley Geobath medium Robust & mobile	
STAB-504	Trolley Geobath large Robust & mobile	
STAB-506 (medium) STAB-507 (large)	Drying support medium & large According to core samples size	
STAB-513	Dipping wire steel (bag of 50 units)	
STIC-001	Informative label - Core sections Corporative branding as-needed	
STIC-002	Informative label- Plug samples Corporative branding as-needed	General III III III III III III III III III I
STAB-514	Heating blade 3-5 mm 5-11 mm	



CORE PRESERVATION > GEOBAG PROTECTOR











4" CORE

GEOBAG FOR PLUG

VACUUM SEALER

PORTABLE HAND SEALER

The ideal solution to protect your geological samples from external chemical elements. Vacuumed, heat-sealed or taped, it is easy to handle and can be used for well-site, laboratory or storage purposes. The Geobag Protector is considered to be a reliable preservation technique but needs the right accessories to maximise its utilization.

Ref.	Model	Material	Dimensions	Weight
STAB-301	Vacuum sealer Vacuum and injection *230 V/ 50-60 Hz	Stainless steel	590x232x516 mm 23.2x9.1x20.3 in	32 Kg 70.55 lbs
STAB-302	Portable hand sealer 420 mm Sealing size *230 V/ 50-60 Hz	Stainless steel	420x400x200 mm 16.5x15.75x7.87 in	1.35 Kg 2.98 lbs
STAB-303	Geobag protector large Sealing condition: 180 °C	Polyster, Aluminium, Nylon, LDPE	1500x270 mm 4.9x0.9 ft	159 g/m²
STAB-305	Geobag protector for plug Sealing condition: 180 °C	Polyster, Aluminium, Nylon, LDPE	240x185 mm 9.45x7.2 in	159 g/m²

^{*} Electrical conversion available under request

Ref.	Description	Overview
STAB-308	Kit resistance for vacuum PTFE cover, seal wire, rubber	
STAB-306	Self-supporting core sample	
STIC-001	Informative label- Core sections Corporative branding as-needed	
STIC-002	Informative label- Plug samples Corporative branding as-needed	
STAB-307	Compressor for vacuum Up to 6 bar / 87 psi	
STAB-307	GeoBag protector bag roll Roll capacity: 100 meters	



CORE PRESERVATION > FLUID PIPE











FLUID PIPE TROLLEY FP SECURE SYSTEM TRANSPORTATION E

The Fluid Pipe is a suitable solution for transporting rock samples, such as shale, immersed in mineral oil or other fluids. This technique ensures structural integrity is maintained, protects it from external elements, and enhances the quality of sampling.



Ref.	Model	Material	Dimensions	Weight
STAB-201	Fluide pipe 4" Max pressure: 10 bar/ 145 psi Fluid Pipe 4"	PVC	Ext: 1200x190 mm 47.2x7.48 in Int: 1100x140 mm 43.3x5.5 in	11.5 Kg 25.35 lbs
STAB-202	Fluide pipe 51/4" Max pressure: 10 bar/ 145 psi Fluid Pipe 51/4"	PVC	Ext: 1200x250 mm 47.2x9.9 in Int: 1100x193 mm 43.3x7.6 in	16.5 Kg 36.38 lbs
STAB-203	Fluid pipe trolley All core diameter	Steel	1140x470x500 mm 44,4x18,5x19.6 in	12 Kg 26.46 lbs
STAB-204	Transportation basket For all core diameter Capacity up to 15 m	Steel	1350x1050x1060 mm 4.5x3.5x3.5 ft	125 Kg 275.57 lbs

Ref.	Description	Overview	
STAB-205	FP Secure System Transportation & closing system		
STIC-001	Informative label- Core sections Corporative branding as-needed		10 10 10 10 10 10 10 10 10 10 10 10 10 1
STIC-003	Warning label "Handle with care- Geological sample"		ANDLE WITH CARE GROUDOCAL SAMPLE ANDLE WITH CARE



CORE PRESERVATION > FP SPILLWAY









FP SPILLWAY

CLOSING SYSTEM

RECYCLE OIL SPILLWAY

This product includes a spill pallet and a support system designed for the easy draining of the FP. The spill pallet effectively contains used oil, preventing spills and environmental contamination. The support system facilitates effortless draining, ensuring a smooth and efficient process for handling used oil. Perfect for maintaining cleanliness and safety in your workspace.

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Ref.	Model	Material	Dimensions	Weight
STAB-206	Drum capacity: 60 L Retention tank capacity: 100L	Stainless steel	160x70x 138 cm / 63 x 27.56 x 54.33 in	

Ref.	Description	Overview
STAB-207	FP Spillway Drum Capacity 60L	
STAB-208	FP Spillway Cap Complemenatary item of FP Spillway	







CORE DRILL > OUTCROPS CORE SAMPLING









OUTCROPS CORE SAMPLING

PORTABLE DEVICE

AZI-ANGLE TOOL

The Outcrops Core Sampling machine is ideal for in situ core drilling and geological mapping in remote environments. Portable and robust, it runs on a two-stroke petrol engine for excellent autonomy. This solution handles coring in all orientations safely and includes a customized core recovery kit, allowing you to reach a more representative core, deeper than chip samples, in any geological formation.

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Ref.	Model	Material	Dimensions	Weight
DRLL-401	Outcrops Core Sampling "Combustion Engine Engine power: 1.5 kW Engine power source: Gas Fuel	Polymer Steel Aluminium	400x280x150mm 15.75x11.02x5.91 in	4.1 Kg 9.04 lbs
DRLL-403	Capacity: 250 cc Gear system/Water swivel Chrome, machined and treated / Thread ½"/ Quarter shut-off valve (1/4)		200x200x120mm 7.87x7.87x4.72in	2.0 kg 4.41 lbs
DRLL-404	with quick connect fitting Push-Down Frame Fixed on motor including anti-rotation system of the swivel		460x240x100 mm 18.11x9.45x3.94in	2.7 kg 5.95 lbs
DRLL-407	Water tank backpack with battery Capacity: 16L Hose: 3 m hose & Swivel connection- Valve for flow control		820x500x500 mm 32.28x19.69x19.69in	8.7kg 19.18 lbs

Ref.	Description	Overview
DRLL-406	Backpack Motor Aluminium frame & Multiple attachment points	
DRLL-407	Water tank backpack with battery Capacity: 16L Hose: 3 m hose & Swivel connection- Valve for flow control	
DRLL-405	Water swivel mounted on gear transmission Valve for flow control	







Ref.	Description	Overview
DRLL-409	Core Breaker Universal size	
DRLL-410 = 1.5" DRLL-411 = 2" DRLL-412 = 1"	Core Catcher Removable system to change the head (NQ,HQ,PQ,)	000
DRLL-415	Tool Box Outcrops 100g Copper grease, Flat wrench, Socket spanner, Allen key hammer, Extractor, Metal brush	3
FERA-004	Ear defenders 100 dB	
SAMP-301 SAMP-302 SAMP-303	Diamond Drill bit Full description page 27	///// _ =
DRLL-414	Kit Azi-Angle To determine the inclination of the hole and its azimuth. Made with non-magnetic materials.(Brass) Includes compass and pen point diamond.	



CORE DRILL > ELECTRIC POWER SYSTEM









ELECTRIC PLUGGING SYSTEM

FLUIDS CONNECTION & DRILL BIT

ELECTRIC PLUG AND AIR CONTROL

The Electric Power System to drill plugs in core sample is specially designated to be quick to set up and switch on. It is equipped with a robust motor and a metallic basin with a table completely manufactured to be easily powered up. The whole system allows a plugging operation using any fluids (Drilling mud, Kerosene, brine water,...) or air with all the safety requirements. It comes with a high viscosity pump (HV), a swivel, special supports for horizontal & Vertical plugging and a tray for a safe storage of the plug samples.

A semi-automatic system is available on request.

Ref.	Model	Material	Dimensions	Weight
DRLL-101	Electric motor 3-speed transmission and 6 variable speeds Power: 2.2 kW *Voltage: 230 V/ 50 Hz or 110 V/ 60 Hz Drill speed: Loaded 400/ 750/ 1550 rpm Core drill rig with clamping support	Stainless steel	240x330x950 mm 9.44x13.00x37.40 in	15.5 Kg 34.17 lbs
	Table (recirculating fluid system) *Voltage: 230 V/ 50 Hz or 110 V/ 60 Hz Basin volume: 50 L Pump: High viscosity (HV) Air connection (Dry drilling): Up to 6 bar/ 87 psi Horizontal support: Up to 1m / 3.2 ft core section Vertical support: Up to 30 cm /1 ft core section Packaging		1950x880x1270 mm 6.4x2.9x4.2 ft	95 Kg 209.44lbs
	Certified wooden box		2130x960x780 mm	88 Kg
	* Electrical conversion available under request		7.1x3.2x2.6 ft	193.60lbs

Ref.	Description	Overview
DRLL-106	Oriented rig system Up to 45 °	
DRLL-301 DRLL-302 DRLL-303	Diamond drill bit See full description in page 27	//// -! =
DRLL-102	Swivel For all fluids & Nitrogen	





CORE DRILL > ELECTRIC POWER SYSTEM

Ref.	Description	Overview
FERA-003	Lubricant - White Mineral oil Drum of 207 L with hand pump	
DRLL-104	Plug tray Capacity: 30 Plugs	
FERA-009	Clamps for plug	

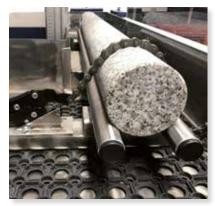


CORE DRILL > PNEUMATIC ENGINE









PNEUMATIC CORE DRILL

PLUGGING UNIT

HORIZONTAL CORE SUPPORT

The pneumatic core drill unit has been designed for processing in hazardous areas and It suits with offshore standard air supply. The machine comes with an external swivel and the rotation speed can be manually controlled. The mounting base is adapted to our Plugging Table. The pneumatic plugging motor compulsory works with a standard 100psi rig supply.

Ref.	Model	Material	Dimensions	Weight
SAMP-202	Pneumatic core drill Engine block power: 2.6 kW Drill speed: RPM: 0/1000 (4 speeds setting) Gas injector connection: ½ Female gas injector separated from the engine nose Air consumption requirements: Minimum 280 L/min	Steel Galvanized steel Stainless steel	230x450x1100 mm 9.00x17.71x43.30 in	17 Kg 37.48 lbs
	Min. workforce: 6.4 bar/ 93 psi Table (recirculating fluid system) Material: Stainless Steel & Steel tubing Basin volume: 50 L F/R/L Combo: Filter & Water trap and Oil lubricator Manometer: Adjustable up to 10 bar/ 145 psi Pneumatic pump:		2270x790x1230 mm 7.5x2.6x4 ft	95 Kg 209.44 lbs
	Max flow rate: 50 L/min; Min inlet air pressure: 6 bar/ 88 psi External air connection: Min flow rate 100 cfm/ 2800 L/min Min air pressure 6 bar/ 88 psi Horizontal support: Up to 1m/ 3.2 ft core section Vertical support: Up to 30 cm/ 1 ft core section Packaging Certified wooden box		2130x960x780 mm 7.1x3.2x2.6 ft	88 Kg 193.60lbs

Ref.	Description	Overview
DRLL-106	Oriented rig system Up to 45 °	
DRLL-301 DRLL-302 DRLL-303	Diamond drill bit See full description in page 27	///// _/ =





CORE DRILL > PNEUMATIC ENGINE

Ref.	Description	Overview
DRLL-602	Swivel (For pneumatic drill) For all fluids including nitrogen	# - # T
FERA-002	White Mineral Oil For all fluids including nitrogen	
FERA-003	Lubricant- Mineral oil Drum of 207 L with hand pump	
DRLL-104	Plug tray Capacity: 30 Plugs	
FERA-009	Clamps for plug	



CORE DRILL > TOP FACE PLUGGING









TOP FACE PLUGGING

ELECTRIC AND FLUID SYSTEMS

CONTROLLED HANDLING

The Top Face Plugging unit is made of steel, stainless steel, or galvanized materials (for the basin). Its heavy weight guarantees optimum stabilization and absorbs all vibrations. The basin is resistant to all types of fluids and equipped with a flexible PVC plate to minimize splashing. Additionally, an area is available on the table for placing tools. The Top Face Plugging unit is equipped with a pump, drill, and general power, as well as an emergency button to stop the plugging operation at any time.

Ref.	Model	Material	Dimensions	Weight
DRLL-201	Electric motor 3-speed transmission and 6 variable speeds Power: 2.2 kW *Voltage: 230 V/ 50 Hz or 110 V/ 60 Hz Drill speed: Loaded 400/ 750/ 1550 rpm Core drill rig with clamping support Table (recirculating fluid system) *Voltage: 230 V/ 50 Hz or 110 V/ 60 Hz Basin volume: 25 L	Stainless steel	1020x750x1230 mm 40.16x29.53x48.43 in	144 kg 317.5 lbs
	Pump: High viscosity (HV) Air connection (Dry drilling): Up to 6 bar/ 87 psi Vertical core holder: Up to 1 m/ 3 ft core section Max tube diameter: 171 mm/ 6 314 in Packaging Certified wooden box			
	* Electrical conversion available under request			

Ref.	Description	Overview
DRLL-301 DRLL-302 DRLL-303	Diamond drill bit See full description in page 27	///11 _! =
DRLL-102	Swivel For all fluids & Nitrogen	
FERA-009	Clamps for plug	
DRLL-104	Plug tray Capacity: 30 Plugs	



CORE DRILL > INNER DRILL BENCH









ADJUSTABLE DRILL RIG



ACCESS TO THE CORE FOR PLUGGING

The Inner Drill Bench is designed in order to remove the inner tube (aluminiun, fiber glass) at the plugging point. It offers the advantages that the rock sample is held on the bench, and the plugging machine is moved along the sample by means of a linear module provided with a hand wheel. This mobility allows one take a plug wherever necessary in all the core samples.

Ref.	Model	Material	Dimensions	Weight
DRLL-001	Electric motor 3-speed transmission and 9 variable speeds Power supply: 2.2 kW *Voltage: 230 V/ 50 Hz or 110 V/ 60 Hz Drill speed: Loaded 400/ 750/ 1550 rpm Linear module	Steel and aluminium aloy	1170x740x1980 mm 46.06x29.13x77.95 in	81.5 Kg 179.67 lbs
	Maximun core diameter: 170 mm Maximun stroke: 800 mm Core up to 1000 mm Spindle screw & hand wheel Hole saw Diameter: 48 mm/ 1.89" Thickness: 1.5 mm/ 0.06" Core support Core up to 1000 mm Locking chain clamp			

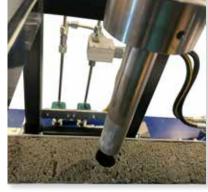
Ref.	Description	Overview
DRLL-005	Hole saw Model: 48 mm	
DRLL-006	Hole saw adapter Connection: R 1/2	

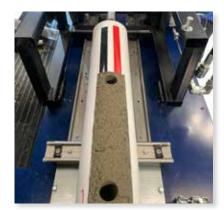


CORE DRILL > PLUNGE CUTTER HYDRAULIC SYSTEM









HYDRAULIC SOFT PLUGGING

1.5"PLUNGE CUTTER

HIGH PRECISION

The Plunge Cutter is required to precisely control the penetration of the plunger into the soft and unconsolidated formation. Built with a hydraulic system, Geofactory offers an innovative model that offers the advantage of extracting horizontal and vertical plug samples. The main frame is orientable on a range of 90° and the worktable is equipped with a core support adjustable on axis X,Y that holds core up to 3ft/ 1m and 6 ¾ in diameter. Joined, the auxiliary mobile worktable has enough surfaces to organize the handling operation using a Digital balance, Heat gun and the consumables necessary for a perfect preparation of the sample.

Ref.	Model	Material	Dimensions	Weight
DRLL-501	Hydraulic system Pump pressure: Max 3500 psi/ 250 bar Double-acting Cylinder pressure: Max 3500 psi/ 250 bar Manometer: Dual scale reading for	Stainless steel	300x350x1050 mm 11.81x13.77x 41.33 in	20 Kg 44.09 lbs
	pressure (bar) and force (kN) Bench/ Frame Cutter internal diameter: 1" & 1.5" Cutter length: Up to 5¼" Core support: Adjustable on X,Y axis Auxiliary worktable: Multiple fixation points Voltage: 230 V/ 50 Hz		2000x1600x950 mm 6.6x5.3x3.2 ft	97 Kg 213.85 lbs

Ref.	Description	Overview
DRLL-504	1" plunge cutter Steel	
DRLL-505	1.5" plunge cutter Steel	
DRLL-506	1" heat shrink tubing FEP (Fluoropolymer) 0.25 mm wall	





CORE DRILL > PLUNGE CUTTER HYDRAULIC SYSTEM

Ref.	Description	Overview
DRLL-507	1.5" heat shrink tubing FEP (Fluoropolymer) 0.25 mm wall	
DRLL-508	1" mesh screen coarse $20x20$ mesh x 0.355 mm wire \emptyset =0.915 mm aperture	98 b
DRLL-509	1" mesh screen coarse 20x20 mesh x 0.355 mm wire Ø=0.915 mm aperture	88 B
DRLL-510	1" mesh screen fine $200x200$ mesh x 0.050 mm wire \emptyset =0.077 mm aperture	88 6
DRLL-511	1.5" mesh screen fine 200x200 mesh x 0.050 mm wire \emptyset =0.077 mm aperture	88
DRLL-512	1" viton sleeve Hardness 70±5 SHORE A	
DRLL-513	1.5" viton sleeve Hardness 70±5 SHORE A	
FERA-006	PTFE roll seal 25x2500x0.2 mm	
FERA-001	Hydraulic oil Bottle of 5 L	
FERA-010	Heat gun Temperature range: 200-300 °C	7



CORE DRILL > SOFT CORE SPLITTER









SOFT CORE SPLITTER

SOFT SAMPLE CUTTING

HYDRAULIC SYSTEM

Engineered for precise cutting of soft and unconsolidated geological formation drill cores, this device delivers clean cuts with ease. It is safe and user-friendly, ensuring reliable performance every time. Its intuitive design simplifies operation and maintenance, making it an ideal choice for efficient core drilling samples and rock study.

Ref.	Model	Material	Dimensions	Weight
DRLL-701	Hydraulic system: Pump pressure: 10 ton Max pressure: 69 MPa Sample support: Core length: 250 mm / 10 in Core diameter: from AQ to HQ Cutter: Material: Stainless steel	Stainless steel	51x71x103 cm / 20.08 x 27.95 x 40.55 in	61 kg / 134.48 lbs
	Core diameter: from AQ to HQ			

Ref.	Description	Overview
DRLL-702	Cutter For soft geological samples	
FERA-001	Hydralic oil Bottle of 5 L	



CORE DRILL > DIAMOND DRILL BIT











ALL CORE DIAMETERS

HIGHER PRECISION

MULTIPLE CONNEXIONS

ALL GEOLOGICAL FORMATION

Geofactory provides a diverse selection of drill bits designed for durability, speed, and strength. Our diamond drill bits, available in both segmented and impregnated forms, are suitable for use in various geological formations. Superior sampling quality is essential to maintain the integrity of geological sample data. Consequently, laboratories working with a wide range of geological formations require different models of drill bits to ensure the appropriate diamond bit is used for each specific type of geology.

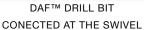
Ref.	Model	Material	Dimensions	Weight
DRLL-301	Diamond drill bit- Segmented Recommended: Hard formation Thickness: 3 mm Standard connection: ½" gas	Stainless steel Steel	Standard model : 1", 1.5" & 2" 160 mm length 6.30 in length	0,4 Kg 0.88 lbs
DRLL-302	Diamond drill bit- Head Crown Recommended: Hard & Consolidated formation Thickness: 2.2 mm Standard connection: ½" gas		Standard model : 1", 1.5" & 2" 160 mm length 6.30 in length	0,4 Kg 0.88 lbs
DRLL-303	Diamond drill bit- Thin wall Recommended: Friable & Soft forma- tion Thickness: 1.8 mm Standard connection: ½" gas		Standard model: 1", 1.5" & 2" 160 mm length 6.30 in length	0,4 Kg 0.88 lbs
DRLL-304	Diamond drill bit- Micro plug Recommended: Hard & Consolidated formation Thickness: 0.5 mm Standard connection: ½" gas		Standard model: from 3 mm to 10 mm 65 mm length 2.36 in length	0,1 Kg 0.22 lbs
DRLL-305	Diamond drill bit- Mining Thickness: 3 mm Standard connection: ½" gas		Standard model : from AQ to PQ	
	* Special diameter and length under request			



CORE DRILL > ANTI STUCK DRILL BIT









DAF™ DRILL BIT



DAF™ EXTRACTOR STATION

The anti-Stuck drill bit model has been developed to protect the plug samples against mechanical damage due to an aggressive action caused when the sample remains blocked inside the drill bit. Faced with a technical problem which until today was a quite a dilemma, Geofactory innovates with a solution which maintains the integrity of the plug sample. The Kit DAF™ anti-Stuck is used as a normal drill bit but it saves time, does not damage the equipment and leaves the rock sample undisturbed.

Ref.	Model	Material	Dimensions	Weight
DRLL-299	DAF™ head connector Connexion: R½ Diameter: 75 mm DAF™ drill bit Standard length: 160 mm	Stainless steel Steel	265xØ75 mm 10.43xØ2.95 in	1 Kg 2.20 lbs
DRLL-297	Thickness: 2.1 mm Connexion: R½ Diamond: Impregnated DAF™ extractor station Extractor: Helical screw- Spindle PVC drill bit support: 1" & 1.5" Cylinder steel: 34x20 mm		430x150x240 mm 16.92x5.90x9.44 in	8 Kg 17.64 lbs

Ref.	Description	Overview
FERA-005	Copper grease	



CORE CUTTING > TRIMMING SAW









MULTIPLE V-BLOCK

TRIMMING SAW

TRIM

The Portable Trimming Unit is a tool necessary when a plugging operation is required after a coring operation. The quality of the blade enables an excellent precision of the cut at the extremity of the samples. It has all of the protections to guarantee safe handling and a recirculating coolant system is available if needed. In addition, Geofactory can provide viton tubing to protect the plugs of soft formation.

Ref.	Model	Material	Dimensions	Weight
SAMP-601	*Power supply: 230 V/ 1 Phase/ 50 Hz Motor power: 1.1 kW, 22000 rpm Control panel: Two operating positions Diamond blade Diameter: 250 mm/ 9.84 in Thickness: 1.6 mm/ 0.063 in Shaft speed: 3420 rpm Plug samples support Diameter: Up to 1.5 " Length: Up to 51/4" Capacity: Up to 7 plug samples	Steel Stainless steel	900x600x500 mm 3x2x1.6 ft	65 Kg 143.30 lbs
	* Electrical conversion available under request			

Ref.	Description	Overview
SAMP-257	Diamond blade Model: 250 mm continue See full description in page 35	
FERA-006	PTFE roll seal 25x2500x0.2 mm	
FERA-003	White Mineral Oil Drum of 207 L with Hand pump	

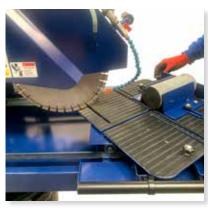


CORE CUTTING > DUAL-AXIS SAW









GYRATORY CORE/ROCK HOLDER



SECURITY INSTRUMENTED SYSTEMS

The Dual-Axis range of saws has been designed for the preparation of geological samples, pieces of rock, and drill cores. The innovation is in its rotary rock holder, which provides rotating support that allows cutting rock samples at 0° or 90° (slabbing and trimming). Easy to set up and move, this saw is indispensable in both field settings and laboratory environments for rock preparation. Geofactory offers 3 HP and 4 HP models, both with highlevel safety features for secure and efficient operation, making them reliable for any geological application.

Ref.	Model	Material	Dimensions	Weight
SAMP-101	Motor (option 1) 3HP (2,2 kW) Peak IP 55 2800 rpm *Power Supply 220-230VaC, 50 Hz (conversion available from 110V/50Hz to 220V/50Hz trough an OPTIONAL supply converter)	Steel, Galvanized and alluminium	1380x930x1485mm / 54.33x36.61x58.50 in	113Kg/ 249.12 lbs
SAMP-102	Motor (option 2) 4HP (3.5kW) IP55 2800 rpm *Power Supply 380-400 Vac 50 Hz 3-phase		1380x930x1600mm / 54.33x36.61x62.99 in	139 Kg / 306. 44 lbs
	Diamond blade type: 350mm/14" 400mm/16" Max. cutting Depth 135mm/(5.31 inch) Gyratory holder Max. core sample: Ø135mm (5-1/4in) 500 mm / 20 in Max. rock sample: 300x300x200 mm/ 12x12x8 in * Electrical conversion available under request			

Ref.	Description	Overview
SAMP-251	Diamond blade Model: 350 mm/ 14 in segmented (see full description in page 35)	
SAMP-708	Removable core holder system Adapted for fractured drill core	





CORE CUTTING > SLABBING SAW 350

NEW VERSION COMING SOON







SLABBING UNIT SLABBING UNIT SLABBING UNIT

Geofactory has designed a Slabbing saw 350 adapted for both the wellsite and laboratory environment. It offers the main advantage that the core sample is moved to the diamond blade and cooled with a steerable hydraulic setup. This system provides more sensitivity to the cut which is really essential particularly when biscuit slices are processed. Moving a manually mechanical crank, the operator can adjust with millimetric accuracy the diamond blade at the inner tube and cut it prior to a plugging or photography operation.

Ref.	Model	Material	Dimensions	Weight
SAMP-401	Motor *Power supply: 220 V/ 50 Hz Motor power: 2.2 kW RPM: 2200 Structure Maximum cutting depth: 108 mm Maximum cutting length: 1005 mm Diamond blade	Steel and galvanized	2700x900x1400 mm 8.9x3x4.6 ft	160 Kg 352.74 lbs
	Diameter: 350 mm/ 14 in Thickness: 3 mm/ 0.118 in Maximum cutting depth: 108 mm Maximum cutting length: 1005 mm Fluid system Pump: 1.1 kW/ 50 L/min Lubricant system: 4x Nozzles Tank capacity: 50 L			
	* Electrical conversion available under request			

Ref.	Description	Overview
SAMP-251	Diamond blade Model: 350 mm/ 14 in segmented See full description in page 35	
SAMP-267	Aluminium blade Model: 300 mm/ 12 in	
SAMP-402	Inner tube adjuster To regulate cutting depth and cut only the Inner Tube (IT)	



CORE CUTTING > SLABBING SAW 500









SLABBING SAW 500

SLABBING SAW 500 DRY CUTTING

BISCUIT TRAY

The Slabbing saw 500, meticulously crafted for both wellsite and laboratory applications, introduces a groundbreaking innovation: automated transport of core samples to the diamond blade, complemented by an advanced cooling system utilizing steerable fluid. This safety feature significantly enhances cut precision, particularly crucial during biscuit slice preparation. Notably, the height regulator system allows for precise manual adjustment of the abrasive blade's position above the inner tube (Aluminium, Fiberglass) with millimetre accuracy. Moreover, the saw offers a dry cutting option, further expanding its versatility. Operators can now effortlessly cut.

Ref.	Model	Material	Dimensions	Weight
SAMP-501	Motor Power supply: 380-400 VaC/ Three-Phase/ 50Hz Motor power: 9 kW / 12HP RPM: 2900 Structure Maximum cutting depth: 165 mm/ 6.5 in with a 500 mm blade Maximum cutting length: 1000 mm/ 3.33 ft Diamond blade	Stainless steel and aluminium profiles	3000x1250x1900 mm / 9.84x 4.10x 6.23 ft	538 kg / 1185.39 lbs
	350 mm / 14 inch - 400 mm / 16 inch 450 mm / 18 inch - 500 mm / 20 inch Fluid system Pump: 370 W/ 20-100 L/min (depend on visco- sity) Lubricant system: 3x Nozzles Tank capacity: 60 L / 300L Slabbing unit power supply requirement 10,5 kW, 380-400 VaC / Three-phases / 50 Hz			

Ref.	Description	Overview
SAMP-255	Diamond blade Model: 500mm See full description in page 35	Second Second
SAMP-267	Aluminium blade Model: 300 mm/ 12 in	
SAMP-708	Removable core holder (100 cm) Specifically designed to work with fractured cores	
SAMP-108	Water decanting tank Stainless steel - 300L / (Submersible pump 250W)	



CORE CUTTING > MINING SAW









MINING SAW

COMPLETE SETUP

REMOVABLE CORE HOLDER

Geofactory developed a model of manual saw specially designed for the mining industry. The "Mining Saw" is made of 100% stainless steel to protect against corrosion and powered with an engine of 12HP. It equipped with a different removable core holder to speed-up the cutting process and allow to work simply with fractured core up to PQ size. Extremely safe, the operator can cut with a forward speed of +/-0.8s per 1 cm that allow a large production of cut and always in security condition (less of 83dB). This saw can be customized for your project.

Ref.	Model	Material	Dimensions	Weight
SAMP-301	Core Diameter Up to PQ Core Length Up to 600mm/1.96" Power Supply	Stainless steel	2110x1400x1500 mm / 7.03x4.67x5.00 ft	240 Kg 528.34 lbs
	*380-400 VaC, 50Hz, IP 44 Motor Power 12HP (9 kW) Peak / 380-400 VaC 50 Hz / IP 55 / 2900 rpm Diamond Blade 350mm / 14"; Segmented or Continue rim 400mm / 16"; Segmented Lubricant system 3x Water injection / Decanting tank capacity: 300L (Stainless steel) / Submersible pump 250W			
	* Conversion available under request			

Ref.	Description	Overview
SAMP-708	Removable Core Holder Specifically designed to work with fractured cores	
SAMP-108	Water decanting tank Stainless steel - 300L / (Submersible pump 250W)	

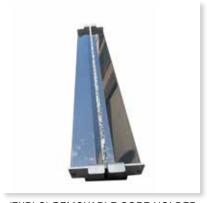












(EXPLO) REMOVABLE CORE HOLDER



EXPLO CORE SAW (2)

The Explo Core Saw is an exclusive design, engineered to slab drill core sections up to 50 cm in length and PQ in diameter. This versatile tool is portable and ideal for both on-site and laboratory applications. It features a powerful tri-phase 4HP motor as standard, with an option to customize to a one-phase 3HP motor. Additionally, it includes an efficient recirculating water system for optimal operation.

Ref.	Model	Material	Dimensions	Weight
SAMP-201 (3HP) & SAMP-202 (4HP	Power supply: *3HP Model = 220-230 VaC / 50 Hz *4HP Model = 380-400 VaC / 50 Hz Motor power: 3HP Model One phase 4HP Model Three phases RPM: 2800 Structure Maximum cutting depth: PQ using a 350 mm blade / 14 inch blade Maximum cutting length: 500 mm Diamond blade Diameter: 350mm / 14 inch Fluid system Recirculating Pump Water pump: 1.1 kW / 50 L / min High viscosity pump: 0,37 kW = 370 W Tank capacity: Standard: 50 L / Decanting tank: 300 L	Painted steel and Galvanized with aluminium profiles	3HP Model: 1380x930x1485mm /54.33 x 36.61 x 58.50 in 4HP Model: 1380x930x1600mm / 54.33 x 36.61 x 62.99 in	3HP Model = 113 kg / 249.12 lbs 4HP Model = 139 kg / 306.44 lbs

Ref.	Description	Overview
SAMP-709	Removable Core Holder Specifically designed to work with fractured cores	
SAMP-108	Water decanting tank Stainless steel - 300L / (Submersible pump 250W)	



CORE CUTTING > DIAMOND BLADE









ALL DIAMETER

SEGMENTED DIAMOND

DIFFERENT MODELS

Geofactory provides an extensive selection of diamond blades, each meticulously designed for either dry or wet cutting. Our range includes options with segmented or continuous rim specifically tailored for core slabbing or trimming applications in abrasive and hard geological formations such as igneous, metamorphic and sedimentary rocks.

Ref.	Diamond Blade Model	Diameter
SAMP-251	Diamond blade Segmented Bore hole diameter on your needs	350 mm
SAMP-252	Diamond blade Segmented Bore hole diameter on your needs	400 mm
SAMP-253	Diamond blade Segmented Bore hole diameter on your needs	450 mm
SAMP-254	Diamond blade Segmented Bore hole diameter on your needs	450 mm
SAMP-255	Diamond blade Segmented Bore hole diameter on your needs	500 mm
SAMP-256	Diamond blade Continuous Rim Bore hole diameter on your needs	200 mm
SAMP-257	Diamond blade Continuous Rim Bore hole diameter on your needs	250 mm
SAMP-258	Diamond blade Continuous Rim Bore hole diameter on your needs	300 mm
SAMP-259	Diamond blade Continuous Rim Bore hole diameter on your needs	350 mm

Usual internal borehole: 25.4mm / 1". Other size can be manufactured





SPECTROMETER > PORTABLE GAMMA RAY









PORTABLE GAMMA RAY

LEAD SHIELD

DATA ACQUISITION

Geofactory offers a gamma-ray spectrometry for geological core logging. This BGO 2"X 2" crystal detector and lead shielding should be used for focused measurement of cores or for stratigraphic measurements. Using internal constants based on IAEA traceable calibration pads, the Portable Gamma Logger can compute precise rock concentration of K (%), U and Th (ppm). Results are displayed immediately after end of measurements. They will be stored in the instrument and/or sent to appropriate external devices via Bluetooth or Wi-Fi. It also uses an advanced method of automatic stabilization on natural background radiation throughout its operation. This unique stabilization method eliminates the need for an additional radioactive check source. Result available in Spectral, Total and API Conversion.

Ref.	Model	Material	Dimensions	Weight
SPEC-101	Device Detection: BGO- 51 mm x 51 mm Shield: 25 mm lead Spectrometer: 1024 channels, 40 Mhz DSP, linear energy corrected, pileup rejector. 200 ns resolution Acoustics: Loudspeaker, 28 mm diameter and built-in microphone Sensitivities: Potassium 200 cpm/% K; Uranium 18 cpm/ppm U; Thorium 8 cpm/ ppm Th	Steel and lead	335x120 mm (Diameter)/ 13.2x4.7 in (Diameter)	9 Kg 19.84 lbs

Ref.	Description	Overview
SPEC-102	Kit of calibre K,U,Th and aluminium dummy	6660



DIGITAL PHOTOGRAPHY > CORE STUDIO









CORE STUDIO

CONNECTED DEVICE (UV/WH)

INSTANT EDITOR

The Core Studio is the crucial core imaging device whose sole purpose is to photograph cores under both white and ultra-violet light. The system is perfectly suited for both laboratory and wellsite environments. Customized core supports can be manufactured based on clients requests and the field of view ranges from 3 meters of core per image for a quick scan, to 3 pictures per meter of core for a high-quality resolution. The black box, supported by a core ranking structure that can accommodate up to 35 meters of core. Protected by an uninterruptible power supply and computer controlled, the Core Studio is displaced either with a forklift or adjusted wheels.

Ref.	Model	Material	Dimensions	Weight
IMAG-101	Studio structure Power supply: 220 V/ 50-60 Hz WL-Day light: 4x fluorescent lamp -36 W 6500 K UV-Black light: 4x fluorescent lamp -36 W 5000 K	Phenolic resin plywood and steel	1760x750x2250 mm 69.29x29.53x40.55 in	380 Kg 837.76 lbs
	Uninterruptible power supply: 1x PH 9420 - 2000 VA/ 1200 W 2x battery - 12 V/ 9 AH External connection: USB (Camera & motor) Joystick (manual control of the motor)			
	Photographic setup			
	Camera resolution: 6016x4016 pixels- 24.3 Megapixels Objective lens: Focal length- 60 mm Maximum/minimum aperture- f/2.8; f/32 UV lens filters: 62 mm transparent 62 mm orange Laptop: 15.6 inches			
	i7 processor 8 GB RAM 1 TB HDD Laptop Extra screen: 495 mm/ 19.5 in 1600x900 (resolution)			
	Software: Specifically designed - consult us for more detail			

* Electrical conversion available under request





DIGITAL PHOTOGRAPHY > CORE STUDIO 360°









CORE STUDIO 360°

CONNECTED DEVICE (UV/WH)

INSTANT EDITOR

The Core Studio 360° is a considerable improvement of the standard Core Studio model. The benefit of this version consists on a brand new system developed by Geofactory and his partners. This new improvement allows to take a continuous photo on the full circumference core sample whether on WH & UV light exposure. The Core Studio 360° is fully automated as the core sample is set on a rotating system especially designed with a surface treatment to minimize & avoid any mechanical stress on the core sample just in case the sample is relatively fractured or fragile.

The new intuitive software interface allows the operator to monitor & manage efficiently the acquisition of the data. The operator still keep the full possibility to adapt the core sample angular rotation, as well as the shooting speed. The software produces a separate photo report on multiple supports.

The Core Studio 360° is designed to be suitable for both laboratory and wellsite operations.

Ref.	Model	Material	Dimensions	Weight
IMAG-201	Core support Two retread stainless steel rollers, coordinated with a belt (to ensure an accuracy rotation of the core) and motorized. The Core support can be pull out from de Core Studio, by mean of a tray, to ease the manipulation of the core. A device installed to secure a fractured core, during the acquisition procedure, avoiding relative movements between the different core pieces. Exterior connections USB for camera Uninterruptible Power Supply 1x PH 9420 - 2000VA/1200W; 2x battery - 12V/9AH Enlightenment 4xFluorescent lamp -36W 6500K (WL-Day light); 4xFluorescent lamp -36W 5000K (BL-Black light). Camera resolution 6016x4016 pixels- 24.3 Megapixel Objective lens Focal length-60 mm; Maximum/minimum aperture-f/2.8; f/32.	Phenolic resin plywood reinforced with stamped sheet aluminium on the edges and corners	1750x750x1240 mm 68.90x29.53x48.82in	_





DIGITAL PHOTOGRAPHY > CORE STUDIO 360°

Ref.	Model	Material	Dimensions	Weight
	Photographic UV lens filters			
	62mm transparent : 62mm orango			

62mm transparent ; 62mm orange

Laptop Characteristics

15.6 Inches; i7 processor; 8GB RAM;

1TB HDD Laptop.

Extra screen Characteristics

19.5 inches; Screen resolution: 1600 x 900.

Software

Geofactory Core Studio 360° Software.

USB wire

3 m long 2.0 USB wire (A/A Male connection);

Power supply

220 V, 50/60 Hz (conversion available from 110V/50Hz up to

220V/60Hz through an optional supply converter).

Spare parts

4xFluorescent lamp -36W 6500K (WL-Day light);

4xFluorescent lamp -36W 5000K (BL-Black light);

Packaging dimensions & weight

1935x880x1580 mm/ 76.18x34.65x62.20";

530Kg/1088.88lb (heat treated wooden box).

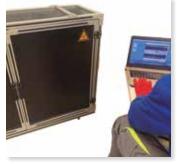




DIGITAL PHOTOGRAPHY > SMART STUDIO









BLACK BOX

QUICK HANDLING

LAPTOP CONNECTION

EASY TO HANDLE

The Smart Studio is designed to process a quick record of the samples shooting 1 core per picture under UV and WH lights. Perfect for onsite environment and for data archiving.

Ref.	Model	Material	Dimensions	Weight
IMAG-501	Exterior connections USB for camera. Power Supply Enlightenment 2xFluorescent lamp -36W 6500K (WL-Day light); 2xFluorescent lamp -36W 5000K (BL-Black light). Camera resolution 6016x4016 pixels- 24.3 Megapixels. Objective lens Focal length 14-24 mm; AF f/2.8;	Phenolic resin plywood reinforced with stamped sheet aluminium on the edges and corners	1400x500x950 mm 55.11x19.68x37.40in	95.5 Kg 210.13 lbs
	Software Geofactory Studio; USB wire & battery 3 m long 2.0 USB wire (A/A Male connection); Power supply 220 V, 50/60 Hz (conversion available from 110V/50Hz up to 220V/60Hz through an optional supply converter). Spare parts 2xFluorescent lamp -36W 6500K (WL-Day light); 2xFluorescent lamp -36W 5000K (BL-Black light);			

Ref.	Description	Overview
IMAG-104	WL-Day light Fluorescent lamp- 36 W 6500 K	
IMAG-103	UV- light Fluorescent lamp- 36 W 6500 K	



DIGITAL PHOTOGRAPHY > CUTTINGS STUDIO SINGLE









CONNECTED DEVICE

EASY TO HANDLE

COMPACT SYSTEM

The Cuttings Studio Single is an imaging device to photograph drill cuttings under White Light and Ultraviolet Light (365nm or 254nm). Fully automatized, it delivers in quick time a high-resolution results (11µm per pixel) of one sample. This instrument is completely controlled by an intuitive software including following features:



Programming hardware & defining work sessions, Controlling camera parameters & profile record (UV/WH), Live view & Autofocus, Image stitching & Cropping, Annotations & Measurement on image, Complete high quality PDF report & Sample library.

The Cuttings Studio Single is easy to move and it fit perfectly inside a mud logging cabin.

Ref.	Model	Material	Dimensions	Weight
IMAG-301	Exterior connections USB 2.0 IEC C14 10A 250VaC socket Camera & lens D750 Resolution: 6016x4016 px – 24.3 Megapixels Macro 90 mm F/2.8 Power 200 W. Image resolution 11µm/pixel Enlightenment 2 x Fluorescent lamp – 8W 6500K (WL) 2 x Fluorescent lamp – 8W 365nm (UV-365nm) Laptop Characteristics 15.6 In; i5 processor; 8 Gb RAM Software Geofactory Cuttings Studio Electric power supply 220-230 VaC, 50/60Hz Electric security and protection Automatic main switch, differential switch & circuit breaker. UV security relay	Phenolic plywood and Aluminium profiles	610x460x460 mm 24.02x18.11x18.11 in	31.25Kg 68.81 lbs













JOYSTICK CONTROLS

WL/UV SYSTEM

DIRECT VIEWING

The Quick Studio 360° is a device designed to describe full drill core sample and determine the presence of hydrocarbons. The viewing cabinet is equipped with a rotative mechanical core support controlled by a joystick that allows the operator to examine the full circumference of the core sample, whether on WH & UV (longwave) light exposure. Using a separate support, it is also possible to work on a slabbed section or a very fractured core and always with the guarantee of good illumination thanks to the anti-shade system.

The Quick Studio 360° is suitable for wellsite operations and can also be considered as a substitute for a core viewing room in a laboratory/storage facility.

Ref.	Model	Material	Dimensions	Weight
IMAG-601	Rotative core support (360) 2x Stainless steel rolls covered with rubber Motor semi-automatic (Joystick control) Tray to pull out the rotative core support and ease the core manipulation Core support Two retread stainless steel rollers, coordinated with a belt (to ensure an accuracy rotation of the core) and motorized. The Core support can be pull out from de Core Studio, by mean of a tray, to ease the manipulation of the core. A device installed to secure a fractured core, during the acquisition procedure, avoiding relative movements be- tween the different core pieces Enlightenment 2xFluorescent lamp -36W 6500K (WL-Day light) 2xFluorescent lamp -36W 5000K (BL-Black light) Power supply 220 V, 50/60 Hz Visual device Slide PVC reinforced bellows (with UV filter google) / ANSI Z87.1	Phenolic resin plywood reinforced with alumium profile	1600x500x560 mm 62.99x19.69x22.05 in	147 Kg 324.05 lbs

^{*} Conversion available under request

Ref.	Description	Overview
IMAG-104	WL-Day light Fluorescent lamp- 36 W 6500 K	
IMAG-103	UV- light Fluorescent lamp- 36 W 6500 K	





CORE TRANSPORTATION > GEOBOX CORE CONTAINER







LOCKOUT SYSTEM

FOAM LAYER

GEOBOX CONTAINER

The Geobox core container is made of rigid and durable polyethylene material manufactured from a single mould. When closed, it is fully waterproof and it is equipped with two lockout systems. The Geobox core container is provided with special shock absorbent pre-shaped foam layers This packaging method guarantees the safe transportation by road, air or sea of your geological samples to its final destination.



Ref.	Model	Material	Dimensions	Weight
PACK-101	Core container 2 ^{5/8"} Capacity: 45 m/ 135 ft	PE-HD, polyethylene foam (closed cell)	1200x1000x800 mm 4x3.3x2.7 ft	50 Kg 110.23 lbs
PACK-102	Core container 31/4" Capacity: 30 m/ 90 ft	PE-HD, polyethylene foam (closed cell)	1200x1000x800 mm 4x3.3x2.7 ft	50 Kg 110.23 lbs
PACK-103	Core container 4" Capacity: 20 m/ 60 ft	PE-HD, polyethylene foam (closed cell)	1200x1000x800 mm 4x3.3x2.7 ft	50 Kg 110.23 lbs
PACK-104	Core container 51/4" Capacity: 12 m/ 36 ft	PE-HD, polyethylene foam (closed cell)	1200x1000x800 mm 4x3.3x2.7 ft	50 Kg 110.23 lbs

Ref.	Description	Overview
STIC-004	Shock tag label Impact indicators	WARNING
STC-003	Warning label "Handle with care- Geological sample"	HANDLE WITH CARE EROLOGICAL SAMPLE HANDLE WITH CARE



CORE TRANSPORTATION > GEOBOX PRESERVATION







HANDLE SYSTEM



GEOBOX PRESERVATION FOR PLUG

The GeoBox Preservation range is manufactured to suit your specific requirements in terms of the secure transportation and storage of your wax-preserved core section samples or plugs. Made of birchwood and finished with a waterproof stain / aluminium, the boxes are cushioned with foam and provide easy and safe packaging.

Ref.	Model	Material	Dimensions	Weight
PACK-201	Geobox preservation for core section 2 ^{5/8} " Capacity: 12 samples	Birchwood, PN foam, aluminium	665x470x565 mm/ 26.1x18.5x22.2 in	16.5 Kg 36.38 lbs
PACK-202	Geobox preservation for core section 31/4" Capacity: 12 samples	Birchwood, PN foam, aluminium	665x470x565 mm/ 26.1x18.5x22.2 in	16.5 Kg 36.38 lbs
PACK-203	Geobox preservation for core section 4" Capacity: 6 samples	Birchwood, PN foam, aluminium	665x470x565 mm/ 26.1x18.5x22.2 in	16.5 Kg 36.38 lbs
PACK-204	Geobox preservation for core section 51/4" Capacity: 6 samples	Birchwood, PN foam, aluminium	665x470x565 mm/ 26.1x18.5x22.2 in	16.5 Kg 36.38 lbs
PACK-205	Geobox preservation for plug 1" & 1.5" Ø Capacity: 35 jars/plugs	Birchwood, PN foam, aluminium	625x465x140 mm/ 24.6x18.3x5.5 in	8.5 Kg 18.73 lbs

Ref.	Description	Overview		
STIC-004	Shock tag label Impact indicators	WARNING		
STIC-003	Warning label "Handle with care- Geological sample"		HANDLE WITH CARE	



CORE TRANSPORTATION > GEOBOX COOLER









GEOBOX COOLER

PLUGS TRANSPORTATION

PLUGS TRANSPORTATION

Initially produced for military and medical requirements, this box will respond to your needs in terms of the transportation of a sample of rock in cold conditions. Manufactured with different polymers and filled with eutectic plates, the Geobox Cooler guarantees a chilled or frozen transportation (different temperatures are available). It can maintain the low temperature up to 7 days autonomously (depending on climate environment). The model designed for the shipment of the plugs is equipped with a foam support that can take 81 jars.

Ref.	Model	Material	Dimensions	Weight
PACK-304	Geobox cooler for core section Internal dimension: 686x297x335 mm 27.0x11.7x13.2 in Volume: 75 L Capacity: Up to 3 meters (depends on core diameter) Eutectic plate: 4x units, temperature available from 0 °C to -30 °C	Polyethylene	851x462x455 mm 33.5x18.2x17.9 in	27 Kg 59.52 lbs
PACK-305	Geobox cooler for plug Internal dimension: 686x297x335 mm 27.0x11.7x13.2 in Volume: 75 L Capacity: 81 plug samples Sterile Jar: 52x102 mm Eutectic plate: 2x units, at 21 °C	Polyethylene	851x462x455 mm 33.5x18.2x17.9 in	31.5 Kg 69.45 lbs

Ref.	Description	Overview
STIC-004	Shock tag label Impact indicators	WARNING
STIC-003	Warning label "Handle with care- Geological sample"	HANDLE WITH CO
STIC-006	Warning label "Handle with care- Geological sample"	



CORE TRANSPORTATION > GEOBOX CHILLING









CHILLING BOX

FOAM LAYER

EUTECTIC PLATE

Perfect and cheaper solution for chilling transportation. The GeoBox Chilling is composed of elements 200 mm high, 60 mm thick, perfectly stackable with a robust steel clip. Inside of it, the core samples are blocked with foam support designed on your core diameter and different types of chilling plate are positioned on the inner tube to guarantee a chilling effect without freezing the rock sample. Easy to handle, the box is in EURO pallet size.

Ref.	Model	Material	Dimensions	Weight
PACK-301	Chilling box Internal dimension: 1080x680x582 mm/ 42.5x26.7x22.9 in European pallet: 1200x800 mm (fumigated) Eutectic plate Dimension: 600x400x30 mm Temperature: Available from 0 °C to -30 °C	Expanded Polypropylene (EPP)	1200x800x600 mm 3.9x2.6x2 ft	68 Kg (total weight) 149.91 lbs (total weight)

Ref.	Description	Overview
PACK-501	Steel basket Security cage for transportation	
FERA-008	White stretch wrap Roll of 50 m/ 164 ft	
STIC-004	Shock tag label Impact indicators	WARNING
STIC-003	Warning label "Handle with care- Geological sample"	HANDLE WITH CARE STOLOGICA SAMPLE HANDLE WITH CARE



CORE TRANSPORTATION > PORTABLE FREEZER









GEOFREEZER

PORTABLE UNIT

ADJUSTABLE SUPPORT

The Geofreezer is a self-sufficient refrigerated container designed for the transportation of chilled and frozen rock samples. The internal structure is calculated according to your needs and the function of the type of material you plan to transport (Piece of core, canister,...) to avoid any damages. The Geofreezer can be transported using convectional vehicles and guarantee a cold setup up to 80h (depends of environment). Delocalization, data recorder and special anti dust system can be additionally installed.

Ref.	Model	Material	Dimensions	Weight
PACK-601	Freezer capacity Max diameter = 200 mm/ 7.87 " Max height= 630 mm/ 24.80 " Temperature range= -20 °C to +10 °C (depends of external temp.) Permitted load= 120 Kg	Steel, stainless steel, PE & PU foam	1510x1100x810 mm 59.45x43.31x31.89 in	265 Kg 583.24 lbs
	Gas specification R717 & R507 Temperature accuracy: +/- 1 °C Electric power supply options: 220 Vac, 115 Vac & 12 V Battery capacity: 12V,80 aH Self-Sustaining refrigeration Unit Min temp: Up to -20 °C during 72 h Operating time (depend of external temp.)			









ALSO UPON REQUEST

MONITORED TRANSPORT > SHOCK RECORDER

The shock recorder monitors and stores continuously parameters as shock (3-axis), temperature and Humidity along the transportation of the core container. Upon arrival, the measurements are wirelessly downloaded on PC. A system of real time transmission can be added to the device.





ALSO UPON REQUEST

AIRCRAFT TRANSPORT > LIGHTWEIGHT BOX

The Geobox Lightweight is a solution developed in accordance with a maximum weight imposed by some configurations of aircraft. The box can hold up to 4 meters of core samples stabilized with special foam inserts without exceeding 150 Kg once filled.





ALSO UPON REQUEST

NITROGEN TRANSPORT > GEOBOX CO2

The Geobox CO² is made in polyethylene with foam filled cavities for excellent isolation values. It can store around 9 meter of core in horizontal position and fully cover of pellet dry ice. Perfect solution for onsite freezing operation the Geobox CO² can be equipped by digital temperature/ shock monitor if required.





CORE STORAGE > SINGLE BOXES









GEOBOX POLYP

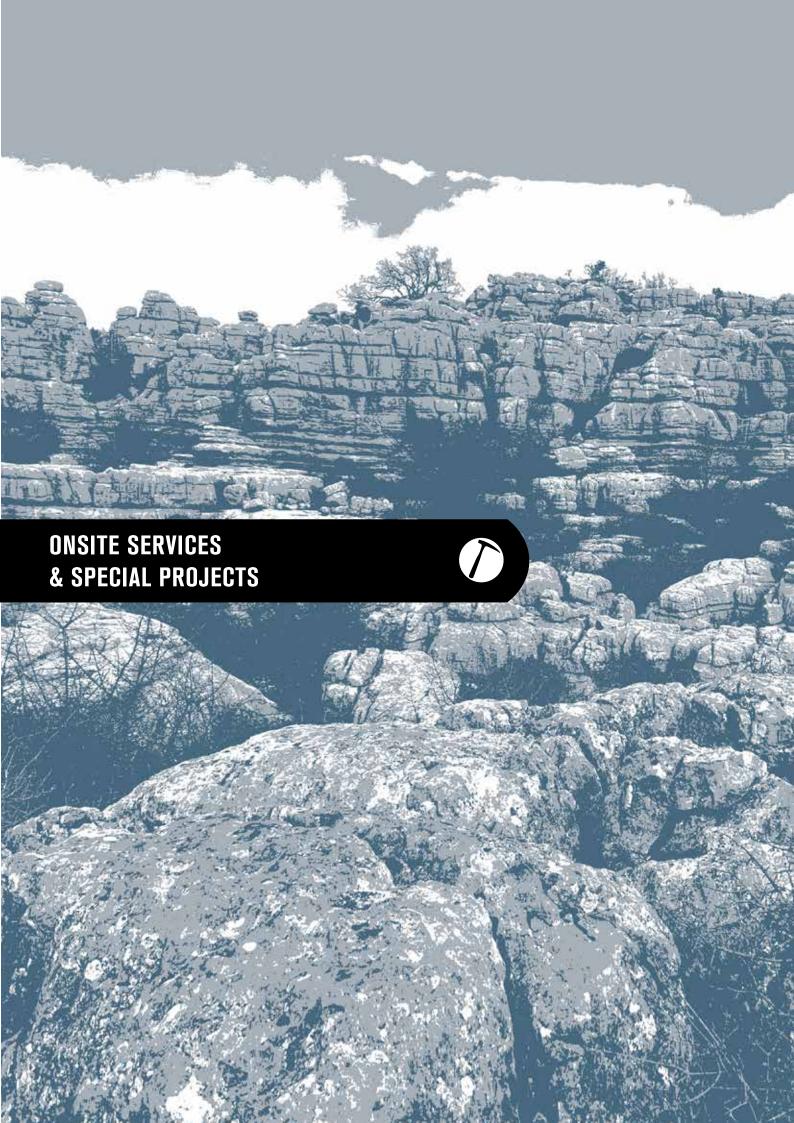
PRE-MARKING

GEOBOX WOOD

Geofactory supplies a range of single Geobox adapted for medium or long-term storage. Made of treated wood or fluted plastic, these solutions will guarantee a perfect protection of your geological sample.

Ref.	Model	Material	Dimensions	Weight
PACK-402	Geobox polyp Capacity: 1 m/ 3 ft	Correx fluted plastic	Length= 3.4 ft Width= 5.5 in Heigth= 5.5 in	0.5 Kg 1.10 lbs
PACK-403	Geobox wood Capacity: 1 m/ 3 ft	Treated pine wood	Length= 3.5 ft Width= 5.5 in Heigth= 5.5 in	5 Kg 11.02 lbs

Ref.	Description	Overview	
STIC-001	Informative label- Core sections Impact indicators		





ONSITE SERVICES & SPECIAL PROJECTS

CONSULTANCY & CORE PROCESSING SERVICES



Geofactory offers a wide range of core consultancy services to assist our clients in identifying, achieving and maintaining the highest level of quality for all their geological rock samples. We operate directly at the wellsite/workshop in country and also processing services and tests sessions at our facility.

ONSITE SERVICE

Offshore: Certified coring engineer and core processing engineer (OPITO,BOSIET)



Core Processing & Logging (Gamma ray)



Outcrops core sampling (Core up to 1 m/3ft- Ø NQ)



IN-HOUSE SERVICE

Plug Sampling & Hollow cylinder (Fontainebleau sandstone)



Halite sampling (Special fluid)



Microfine cementitious (Compression testing)





ONSITE SERVICES & SPECIAL PROJECTS

CONSULTANCY & CORE PROCESSING SERVICES



Geofactory offers a wide range of core consultancy services to assist our clients in identifying, achieving and maintaining the highest level of quality for all their geological rock samples. We operate directly at the wellsite/workshop in country and also processing services and tests sessions at our facility.

ONSITE SERVICE

IN-HOUSE SERVICE

Core plugging (All geological formation)



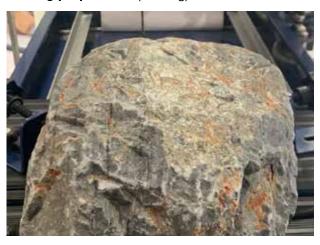
Core photography (WH/UV)



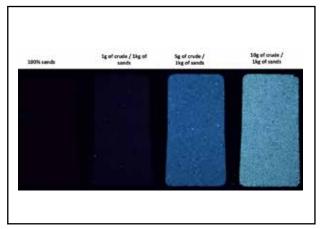
Core slabbing & Resination



Cutting preparation (Sawing)



Contaminated soil (UV ligth detection)



Core slabbing (All diameters)



www.geofactory.eu



Watch our "test sessions" on





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