

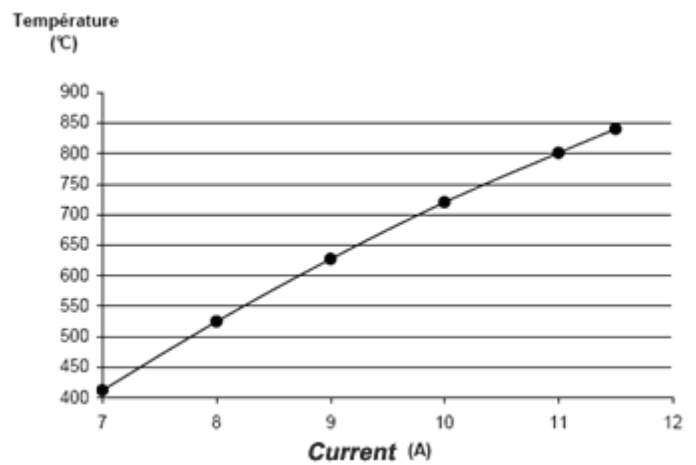
MANIPULATORS

5-AXIS MANIPULATOR FOR HEATED AND COOLED 1" SAMPLE



DESCRIPTION

The manipulator MLN2-800 is used for many applications since it integrates 5 movements for the sample (3 translations and 2 rotations) heater up to 800°C and a liquid nitrogen cooling system to achieve a temperature of -130°C on the sample.



MLN2-800

Specifications

| | |
|---------------------|-------------------------------|
| Ultimate pressure | 10 ⁻¹⁰ mbar |
| Heating temperature | 800°C |
| Cooling temperature | -130°C with liquid nitrogen |
| Sample support | 25 x 25 mm ² plate |
| Type de four | 1" tantalum |
| Thermocouple | Type K |
| X et Y translations | ± 12 mm manual* |
| Z translation | 50 mm manual* |
| Main rotation | ± 30° |
| Sample rotation | ± 90° |
| Mounting flange | 160CF |
| Bakeout temperature | 150 °C |

* Motorisation optional