

5-AXIS MANIPULATOR FOR 2" SAMPLE

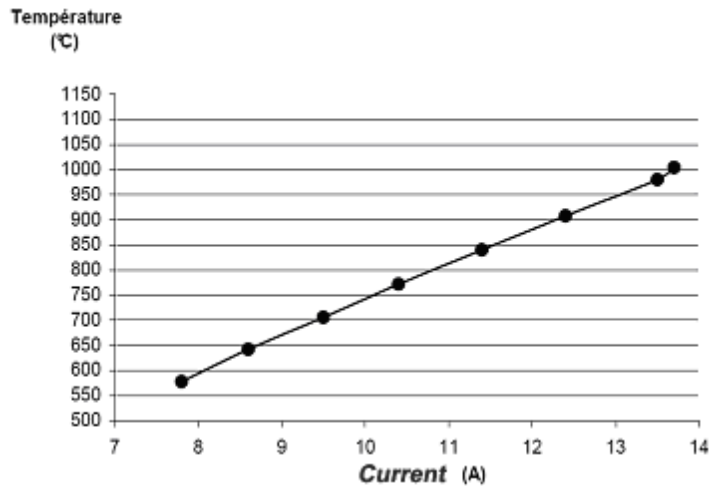


DESCRIPTION

This sample holder manipulator suits to thin layer deposition systems and analysis systems working in UHV environment. It permits to heat a 1" sample up to 1000°C.

The sample is moving in 3 axes of translations and 2 axes of rotation (main rotation and rotation of the sample).

The translations movements are made by a Meca 2000 X, Y, Z stage MT3 Z300/100CF.



MT-1000

Specifications

Ultimate pressure	10 ⁻¹⁰ mbar
Sample temperature	Up to 1000°C
Sample support	25 x 25 mm ² plate
Heater type	Tantalum 1"
Thermocouple	Type K
X and Y translations	± 12 mm manual
Z translation	300 mm manual
Main rotation	± 90°
Sample rotation	± 100°
Sample insulator	External BNC plug
Mounting flange	DN100CF
Bakeout temperature	150 °C