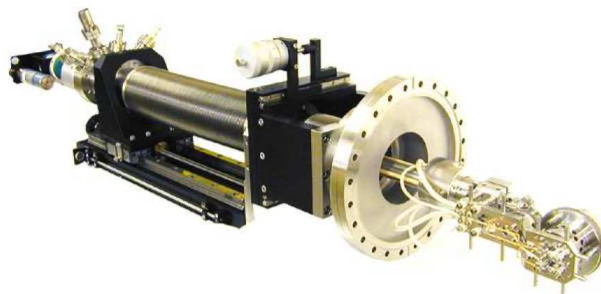


# MANIPULATORS

## 5-AXIS MANIPULATOR FOR 2" SAMPLE HEATED UNDER OXIDIZING ATMOSPHERE

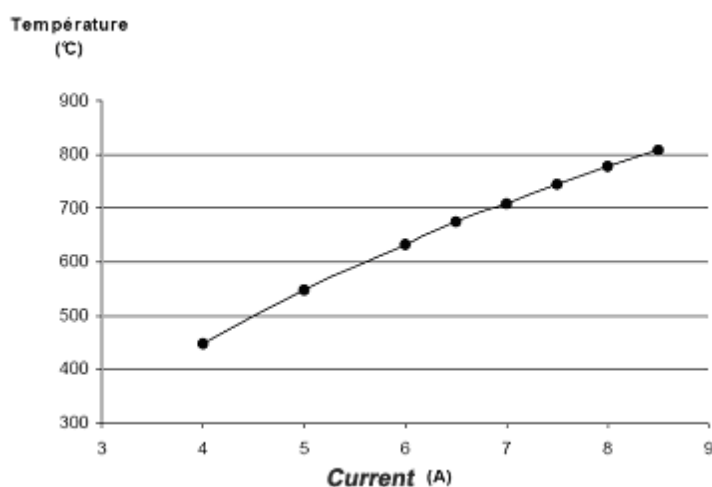


### DESCRIPTION

This manipulator allows the manipulation and heating up to 800°C of a 2" sample under oxidizing atmosphere.

The 2" PBN heater is fully resistant to oxygen at high temperature.

The movements are performed by 5-axis with a continuous rotation of the sample from 0 to 60 rpm.



### MP-800

#### Specifications

Ultimate pressure	10 <sup>-10</sup> mbar
Sample temperature	Up to 800°C under O <sub>2</sub>
Sample support	Molybloc 2"
Heater type	PBN 2"
Thermocouple	Type K
X et Y translations	± 12,5mm manual*
Z translation	300 mm manual*
Main rotation	± 90°
Sample rotation	Continuous from 0 to 60 rpm
Sample insulator	External BNC plug
Mounting flange	160CF
Bakeout temperature	150 °C

\* Motorisation optional