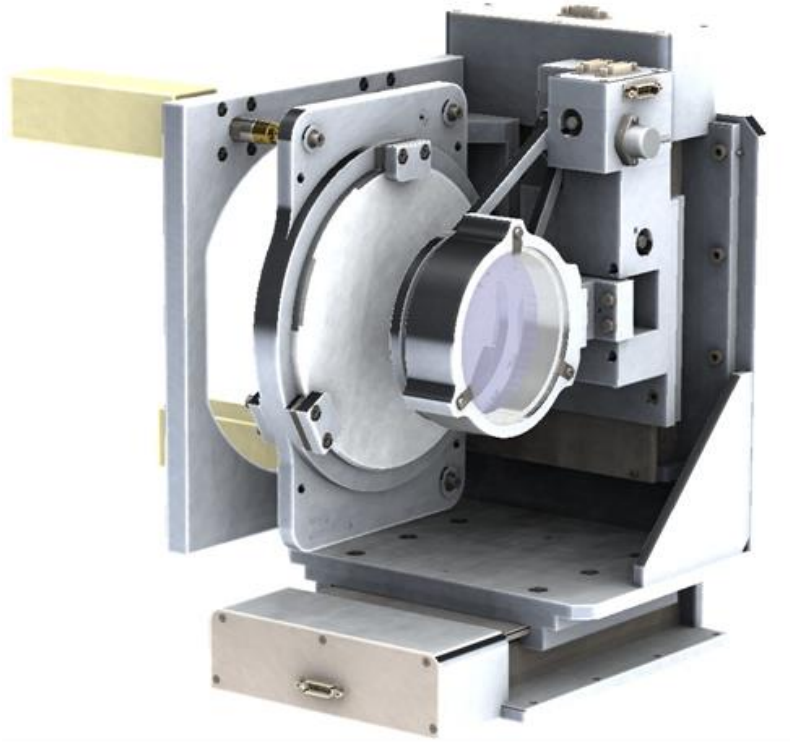


Update : 26/07/2013



Non contractual photo

4 axis positioner of mirror Ø200mm, 2 translations + 2 rotations

Function of insertion and retraction of diagnostic and fiber optical mirror

1 - The positioner includes

- 1 Stage XY which ensures the positioning of the URL mirrors
- 1 Insertion and retraction actuator of diagnostic mirror
- 1 fiber holder Insertion and retraction actuator
- 2 Positioning actuators of the main mirror

2 - Technical Data

| CHARACTERISTICS | SPECIFICATIONS |
|---|----------------------------------|
| TMP XY 60-5-250 : Positioning XY URL Mirrors | |
| Travel | 60 mm(x y) |
| Resolution | 5µm |
| Admissible Load | 250N |
| Motorization | Hybrid and Bipolar stepper motor |
| TRMA 90-1000-1000 : Insertion / Retraction mirror of diagnostic and fiber holder | |
| Travel | 90° |
| Resolution | 1 mrad |
| Repeatability | < 1mrad |
| VMP 10-100-60 : Tip Tilt adjustment | |
| Travel | 10mm |
| Resolution | 400nm |
| Repeatability | 200nm RMS |
| Admissible axial load | 100N |

The structural parts are on aluminum. A surface treatment type alodine 1200 or Surtec is put to ensure electrical conductivity of the contact surfaces.

Motorization are stepper, bipolar and hybrid.

Axis are fitted with end of travel usually closed.

All movements are encoded.

Nota: *Technical data of this datasheet may be subject to modifications, depending on product updates*