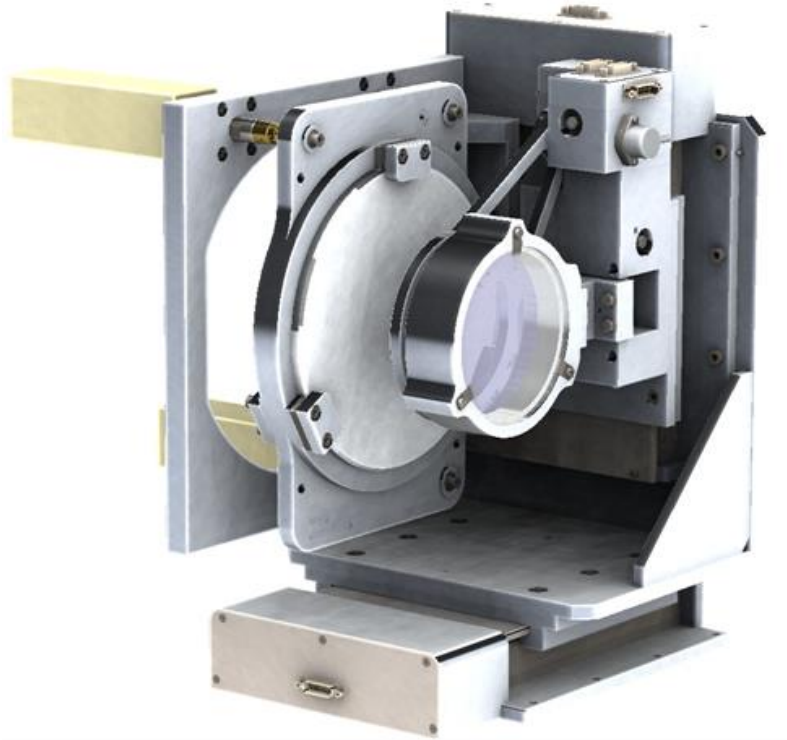


Update : 26/07/2013



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