

Update : 12/16/2022



*Non contractual photo*

**$\mu$ TMP ensure high precision motion of equipment, part or sample....**

## 1 - Description

$\mu$ TMP C 6-200-10 is the smallest stage of our range.

Equipped with a crossed roller bearings without recirculating and prestressed. Provide in a minimal size, good stiffness and high precision.

The motion is operated by an irreversible screw-nut system with backlash compensation.

A stepper motor enables to combine precision, torque and speed.

Resolution and speed can be easily adapted.

### Various versions

- Standard, PA use, black anodization possible.
- Use on Vacuum and high vacuum. Wire and modified grease, untreated aluminium color.
- UHV version. Motor, materials, glue and modified lubrication are adaptable on request.

## 2 - Technical Specifications

CHARACTERISTICS (without options)	VALUES
Travel range	6 mm (+/-3mm)
Resolution	200 nm / pas
Repetability	< 3 $\mu$ m
Speed	0.2 mm/s
Load capacity	10 N
Hybride stepper motor	
Polarized and irreversible board	
Reset on mechanical stop. External captor on motor side (option)	

*\*Resolution and speed values can be adapted on demand*

## 3 - Dimensions (mm)

