

COMPACT MINIATURE MICRO-POSITIONING STAGE µTMP C-6-200-10

DATASHEET ISP15A766FP0003-A

Update: 12/16/2022



Non contractual photo

μTMP ensure high precision motion of equipment, part or sample....

1 - Description

μTMP 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

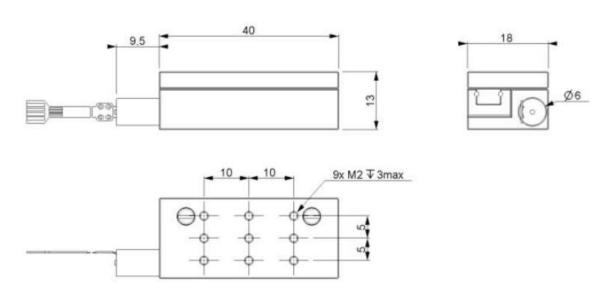
- Standard, PA use, black anodization possible.
- Use on Vacuum and high vacuum. Wire and modified grease, untreated aluminium color.
- UHV version. Motor, materials, glue and modified lubrification are adaptable on request.

2 - Technical Specifications

CHARACTERISTICS (without options)	VALUES
Travel range	6 mm (+/-3mm)
Resolution	200 nm / pas
Repetability	< 3µm
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)



V ISP SYSTEM
Z.I. de la Herray
65500 VIC-EN-BIGORRE − France

+33 (0)5 62 33 44 44

www.isp-system.fr

contact@isp-system.fr

Capital de 1 000 000 € - SIRET : 410 675 078 00027 - APE : 71128 - TVA : FR 19 410 675 078