

engineering innovations
worldwide



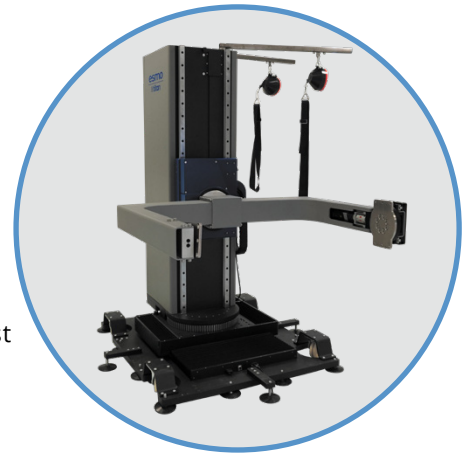
applicable
across a
range of
applications

titan
smart manipulator

esmo
semicon

key features

- dedicated for universal test, durable and robust design can be implemented across a wide range of testing configurations
- spring loaded winch system – no counter weights needed
spring loaded theta compliance, tumble axis manual or electrical
- load capacity: 450 kg (992 lbs) motorized motion for z-axis
(optional: electrical x- and y-axes + twist + swing)
- load capacity: 750 kg (1,654 lbs) motorized motion for x-,y- and z-axis + twist
(optional: electrical swing)
- load capacity: 1,100 kg (2,425 lbs) motorized motion for x-,y- and z-axis + twist + swing
- numerous additional, unique features for individual set-up requirements



titan autodock option *(with all features named above)*

- one button control to change positions (with force based stop control)
- absolute value encoders for seamless and precise automated finding and positioning of test heads
- no docking required if handler is equipped with autolock | CUH Lock system reliable high position repeatability
- elimination of the need for manual operation
- optional full-automatic mode via remote control



titan autoseup option *(with all features named above)*

- patented vision camera system for automatic detection of test equipment position (prober, handler) – recommended when test equipment is frequently replaced
- reduction of setup time and potential alignment errors

specifications

- **linear drive:**
 - horizontal (x-axis) 200 mm (7.9")
 - horizontal (y-axis) 420 mm (16.5")
 - vertical travel (z-axis) 1,200 mm (47.2")
- **rotation:**
 - tumble 360°
 - rotation 290°
 - twist 180°
 - theta adjustment ± 2.0

esmo Europe Rosenheim esmo AG Brueckenstrasse 1 83022 Rosenheim Germany P +49 (8031) 233 88 0 F +49 (8031) 233 88 10 sales@esmo-ag.com	esmo USA California esmo USA Corp. 1020 Winding Creek Road Suite #120 Roseville CA 95678 USA P +1 (916) 307 6345 F +1 (916) 307 6341 sales@esmo-usa.com	esmo Asia Singapore esmo Asia Pte. Ltd. 15 Tai Seng Drive #01-02 Singapore 535220 Singapore P +65 (656) 288 57 F +65 (656) 288 60 sales@esmo-asia.com	esmo China Shanghai esmo Asia North Co. Ltd. Building 5-6 N. 388 Xin Run Rd. Xin Qiao Industrial Zone Song Jiang District 201612 Shanghai · China P +86 (21) 5768 7228 + ex. 201 F +86 (21) 5768 7132 info@esmo-ag.com.cn	esmo Taiwan Zhubei esmo TW Ltd. Co. 9F-1, No.13, Huanke 1st Rd. Zhubei City, Hsinchu County 302047 Taiwan (R.O.C.) M +886 932-290-662 M +886-988-313-705 sales@esmo-asia.com
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