

universal manipulator



pallas
next generation
manipulator

esmo
semicon

key features

no counterweights – floor load reduction by appr. 40%

arm system feature for vertical carrier to provide better flexibility during prober/handler set-up

various footing versions – easy-to-handle foot brake

new universal fork style

modular arm system – easy and quick adjustment of arm width and length for individual set-up options for various different test heads – all controls integrated

90° tumble in arm system – catering to special set-up demands

optimized footprint for large test heads

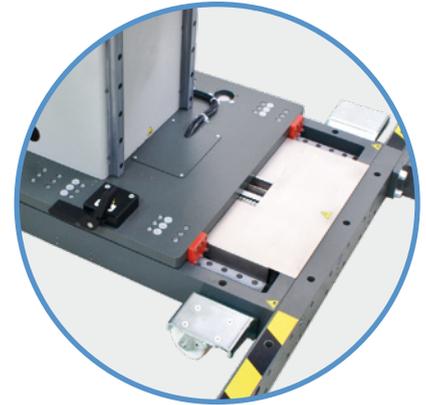
motor-assisted motions for x-/y-axes (true linear motion feature) as well as for twist axis

force feedback control ensuring operator safety + protecting equipment during set-up

designed for direct docking

numerous additional, unique features for individual set-up requirements

active cable management – standard



specifications

weight	unloaded	loaded
load capacity	750 kg (1,650 lbs)	750 kg (1,650 lbs)
system weight	1,220 kg (2,689 lbs)	1,970 kg (4,343 lbs)

linear

vertical travel	1,000 mm (39.4")
in/out	100 mm (3.9")
side-to-side	200 mm (7.9")

rotation

swing	110°
tumble	90°
twist/rotation	360°
theta adjustment	±2.5°

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