

We Can Handle It



# Flexibility & Convertibility

- Conversion kits for scaling up to MP300 in handling test head up to 320kg
- Selectable variety of arms:
   Single-Point-Fitted Tilt Arm,
   Dual-Point-Fitted Fork Arm
- Convertible up/down axis motion from manual to motorized system (option feature)
- High modularity arm configuration for different test heads

# **High Performance**

- Wide range of vertical linear movement up to 780mm suitable for probers and various test handler configurations.
- Up to 300° swing rotational movement
- 5 degree-of-freedom for maximized ease of operation



# Counterweight-Balanced Universal Manipulator

# **Specifications**

## **Physical Load**

Max. Test Head Weight : 200kg
Unladen Weight : 960kg
Laden Weight : 1360kg

## **Physical Dimension**

Height : 1940mm¹
Width : 1525mm²
Depth : 1210mm³
¹Include footing <sup>283</sup> Footing excludes arm

#### **Test Head Interface**

Customisable tumble 4 to 8 points mounting Theta fine adjustment (optional)

#### **User Interface**

Manual drive arm handle Fine precision cradle

Push button console (motorized option)

#### **Performance Characteristics**

Linear vertical Up/Down : 780mm¹

movement

Linear horizontal In/Out : 280mm<sup>2</sup>

movement

Linear side-to-side movement :800mm
Rotational twist movement :360°
Rotational tumble movement :360°
Rotational swing movement :300°
¹Min.500mm; Max. 1400mm ² Column-to-tumble depth 1330mm

## **Movement Characteristics**

Up/Down movement : Counterweight-balanced vertical

belt-drive

In/Out movement : 2-points rotational thrust bearing
Side-to-side movement : 2-points rotational thrust bearing
Twist movement : 1-point rotational thrust bearing
Tumble movement : 2-points rotational thrust bearing

# **Adaptive Configuration**

## **Configurable Arm Option**

Single-Point-Fitted Tilt Arm Dual-Point-Fitted Fork Arm

## **Active Cable Management**

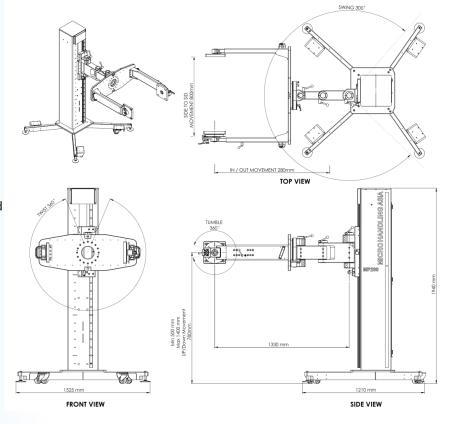
Single or dual cable hanger – variable size Various load capacity balancer

#### **Modular Accessories**

Keyboard tray – customizable size Monitor holder

#### **Motorized Axis Motion**

Vertical Up/Down Module - customizable speed Monitor holder





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