

# Cascade Microtech DPP105-M-AI-S

## DC Probe Positioner



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# Positioners and Positioner Accessories

## DC Positioners

### ENTRY LEVEL

#### DPP105-M/V-AI-S

##### Features

- Low cost probing
- Extremely small footprint
- Probe-tip pressure adjustment
- Single arm with gold-plated clamping included
- Suitable for probing pads down to 100 x 100  $\mu\text{m}$

##### Specifications

- Travel Range:
  - X: 8 mm
  - Y: 6 mm
  - Z: 25 mm (z-axis control: cw=down, ccw=up)
- Resolution:
  - Feature Resolution: 5  $\mu\text{m}$
  - Screw Resolution X 350  $\mu\text{m}/\text{rev}$  (70 tpi)
  - Screw Resolution Y 500  $\mu\text{m}/\text{rev}$  (50 tpi)
  - Screw Resolution Z 70  $\mu\text{m}/\text{rev}$  (350 tpi)
- Base: Magnetic or Vacuum
- Footprint Dimensions: 60 x 20 mm

##### Compatibility

###### Open Platform Bundles

PM5  
PM8  
PM300  
PA200  
PA300

##### Ordering Information

Standard (z-axis: cw=down, ccw=up)	Legacy (z-axis: cw=up, ccw=down)
DPP105-M-AI-S	133346
DPP105-V-AI-S	100298

#### DPP105-M/V-PTH

##### Features

- Low cost probing
- Extremely small footprint
- Probe-tip pressure adjustment
- Compatible with PTT needle holders
- Suitable for probing pads down to 100 x 100  $\mu\text{m}$

##### Specifications

- Travel Range:
  - X: 8 mm
  - Y: 6 mm
  - Z: 25 mm (z-axis control: cw=down, ccw=up)
- Resolution:
  - Feature Resolution: 5  $\mu\text{m}$
  - Screw Resolution X 350  $\mu\text{m}/\text{rev}$  (70 tpi)
  - Screw Resolution Y 500  $\mu\text{m}/\text{rev}$  (50 tpi)
  - Screw Resolution Z 70  $\mu\text{m}/\text{rev}$  (350 tpi)
- Base: Magnetic or Vacuum

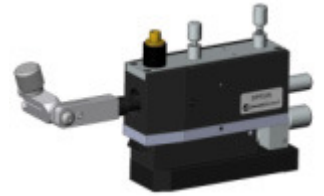
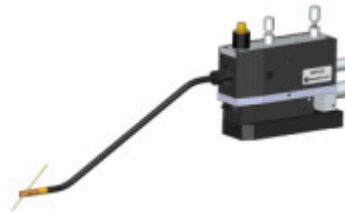
##### Compatibility

###### Open Platform + PTH Arms

Summit

##### Ordering Information

- DPP105-M-PTH
- DPP105-V-PTH



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