

## MIDA SET

Touch directions <i>with TT30 probe - machine axes</i>	$\pm X, \pm Z$
Positioning repeatability <i>6" - 15" spindle versions</i>	$2\sigma \leq 5 \mu\text{m}$
Positioning repeatability <i>18" - 24" spindle versions</i>	$2\sigma \leq 8 \mu\text{m}$
Protection rating <i>base with cover</i>	IP67
Protection rating <i>base with arm</i>	IP65
Operating temperature	+5°C - +60°C
Storage temperature	-10°C - +70°C

## MIDA TOOL EYE

Touch directions <i>with TT30 probe - machine axes</i>	$\pm X, \pm Z$
Positioning repeatability <i>6" - 15" spindle versions</i>	$2\sigma \leq 5 \mu\text{m}$
Positioning repeatability <i>18" - 24" spindle versions</i>	$2\sigma \leq 8 \mu\text{m}$
Protection rating <i>static</i>	IP67
Operating temperature	+5°C - +60°C
Storage temperature	-10°C - +70°C

## TT30 probe

Contact force <i>XZ plane - Machine axes</i>	0.75 - 1.6 N
Contact force <i>Y axis - Machine axis</i>	8.6 N
Overtravel <i>XZ plane - Machine axes</i>	9.5 mm
Overtravel <i>Y axis - Machine axis</i>	3.5 mm
Unidirectional repeatability	$2\sigma \leq 1 \mu\text{m}$

*The specifications refer to the 25 mm stylus*