

MISCAN VISION SYSTEM

MVS-H302P1L-D Hybrid Vision System
with SP25M scanning probe



VISION MEASURING SYSTEMS



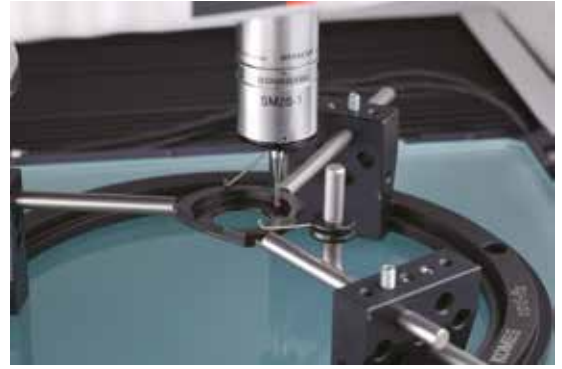
MVS-H302P1L-D

CNC controlled Hybrid Vision System equipped with vision sensor and SP25M scanning probe.

MCOSMOS and VISIONPAK-PRO software offers highest functionality for both tactile and non-contact measurements.

The SP25M scanning probe provides accurate scanning measurements with high throughput. Automatic stylus change ensures flexible measurement cycles with combined non-contact and contact measurements.

MiSCAN Vision System will be available in three sizes.



MVS-H302P1L-D	With vision sensor	With SP25M probe
Measuring range in mm	300 x 200 x 200	175 x 200 x 200
Measuring accuracy [μm] ISO 10360-2:2009 L: Dimension between 2 arbitrary points [mm]	$E_{1x}, E_{1y}: 0,8+2L/1000$	$E_{0,MPE}: 1,9+4L/1000^{*1,*2}$
Scanning accuracy [μm] ^{*1*2} ISO 10360-4: 2000	–	2,5 Scanning time 50s
Repeatability σ [μm] ^{*1*2} ISO 10360-5: 2010	–	$P_{FTU,MPE}: 1,9$
Scale resolution [μm]		0,02
Max. loading mass [kg]		15

*1: With $\varnothing 3 \times 21\text{mm}$ Stylus, *2: Scanning speed is 10mm/s



Calibration tool and FCR25 change rack

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