

CMM SOLUTIONS



PRECI 3D KMM SCANNER
High precision Scanner with integrated Touch Probe

Line Length Streifenbreite	25 50 100
Resolution Auflösung	19µm 39µm 78µm
Scanning Speed Max. Aufnahmerate	1.66.400 Points/sec
Stand off distance Messabstand	54 70 190
Measurement field Messbereich	30 60 143
Laser class Laserklasse	2M 3R
Dimensions Abmassen	105 100 70
Work Werk	Manual CNC
Integrated touch probe with scanner integrierte Messtaster mit Scanner	

CMM on shop floor environment

- ◆ 3D Measurement for in line production
- ◆ CNC version
- ◆ Fatigue free operation
- ◆ Measuring GD & T in shop floor
- ◆ Temperature compensation
- ◆ Rigid stable structure
- ◆ Plug & Play

Model	Maximum Permissible Error. ISO 10360-2 MPE [µm], L [mm]		Max. 3D Pos. Speed	Max 3D Accel.	Ambient Temperature	Temperature Gradients	Humidity	Vibration Level	Power
	⁽¹⁾ MPE _e	⁽²⁾ MPE _R							
	[µm]		[mm/s]	[mm/s ²]	[°C]	[°C/h], [°C/24h] [°C/m]	[%]		[V], [Hz]
6-4-5	5 + L/200	4	700	1200	16 - 36	°C/h, 5°C/24h, 2°C/m,	50 - 70	30 mm/s ² From 1 to 10 Hz 15 mm/s ² From 10 to 20 Hz 50 mm/s ² From 20 to 100 Hz	230V 50Hz
12-4-5	5 + L/200	4	700	1200					

Complete 3D Coordinate Measuring Solutions



Applications

- Power train
- Sheet metal & BIW
- Engineering
- Gears
- Rail Bogies
- Aerospace
- Dies & Moulds

