

BMT



T-SCAN 3

Technical Data

T-SCAN 3 Sensor

Measuring Depth	75 mm
Scan Width	90 mm
Mean Measuring Distance	83 mm
Scan Frequency	10 - 140 Hz
Sampling Rate of Distance Measurement	20 kHz
Resolution of Distance Measurement	1 μ m
Point Density in Scan Direction	0.07- 0.98 mm
Sensor Weight	1200 g
Sensor Dimensions	172 x 138 x 80 mm
Standard Cable Length Scanner-PC	9 m
Lateral Resolution	0.1 mm
Laser Type	Diode
Wavelength	670 nm
Laserclass	2

T-SCAN 3 - Tracking System

Measuring Volume	1.5 - 6 m
Dimensions (mm)	1126 x 200 x 161
Weight	approx. 19 kg
Temperature Compensation	yes
Display of Measuring Volume with Laserpointer	yes
In-Field Calibration	yes
Touchprobe	yes
Extension to Portable Coordinate Measurement Machine (PCMM)	yes
Dual-Camera-Operation	no
Dynamic Referencing (Camera Repositioning)	yes
Mobile Rack and Notebook Operation	yes