




**Technocraft**  
Engineering Solution

## TECHNICAL SPECIFICATIONS

		<b>HANDYSCAN 700™</b>
		 <p>The HandySCAN 700 offers increased accuracy and resolution. It is the <b>most versatile</b> 3D scanner on the market for <b>inspection</b> and <b>demanding reverse engineering</b>.</p>
<b>Accuracy</b>		Up to 0.030 mm (0.0012 in.)
<b>Volumetric accuracy*</b>		0.020 mm + 0.060 mm/m (0.0008 in. + 0.0007 in./ft)
<b>Volumetric accuracy with</b>	MaxSHOT Next™	0.020 mm + 0.025 mm/m (0.0008 in + 0.0003 in/ft)
	MaxSHOT Next™ Elite	0.020 mm + 0.015 mm/m (0.0008 in + 0.00018 in/ft)
<b>Resolution</b>		0.050 mm (0.0020 in.)
<b>Measurement rate</b>		480,000 measurements/s
<b>Light source</b>		7 laser crosses (+1 extra line)
<b>Laser class</b>		2M (eye-safe)
<b>Scanning area</b>		275 x 250 mm (10.8 x 9.8 in.)
<b>Stand-off distance</b>		00 mm (11.8 in.)
<b>Depth of field</b>		250 mm (9.8 in.)
<b>Part size range (recommended)</b>		0.1 – 4 m (0.3 – 13 ft)
<b>Software</b>		VXelements
<b>Output formats</b>		.dae, .fbx, .ma, .obj, .ply, .stl, .txt, .wrl, .x3d, .x3dz, .zpr
<b>Compatible software</b>		D Systems (Geomagic® Solutions), InnovMetric Software (PolyWorks), Dassault (CATIA V5 and SolidWorks), PTC (Pro/ENGINEER), Siemens (NX and Solid Edge), Autodesk (Inventor, Alias, 3ds Max, Maya, Softimage).
<b>Weight</b>		0.85 kg (1.9 lbs.)
<b>Dimensions</b>		77 x 122 x 294 mm (3.0 x 4.8 x 11.6 in.)
<b>Connection standard</b>		1 X USB 3.0
<b>Operating temperature range</b>		5-40 °C (41-104 °F)
<b>Operating humidity range (non-condensing)</b>		10-90%