






| HANDYSCAN 3D SCANNERS LINE-UP   | <br><b>REVSCAN™</b> | <br><b>EXASCAN™</b> | <br><b>VIUSCAN™</b> | <br><b>MAXSCAN™</b>                                 |
|---|---|---|--|---|
| <b>Operation Software</b>   | VXelements (Win 7, Vista, XP)   | VXelements (Win 7, Vista, XP)   | VXelements (Win 7, Vista, XP)  | VXelements (Win 7, Vista, XP)   |
| <b>Scanner Type</b>   | Industrial Quality Scanner  | Industrial Quality Scanner with higher accuracy to meet inspection needs                            | Industrial Quality Scanner with ability to scan in colour  | Industrial Quality Scanner built-in with large scale photogrammetry   |
| <b>Scanner Dimension and Weight</b>   | 160 x 260 x 210 mm<br>0.98 kg   | 172 x 260 x 216 mm<br>1.25 kg   | 172 x 260 x 216 mm<br>1.30 kg  | 172 x 260 x 216 mm<br>1.27 kg   |
| <b>Portability (without workstation laptop)</b>                                     | 1 x protective case for scanner and accessories (within carry-on size limits)                       | 1 x protective case for scanner and accessories (within carry-on size limits)                       | 1 x protective case for scanner and accessories (within carry-on size limits)                        | 1 x protective case for scanner and accessories (within carry-on size limits)<br><br>PLUS<br>1 x case for scale bars (needs check-in) |
| <b>Laser Type</b>   | Class II (eye-safe)   | Class II (eye-safe)   | Class II (eye-safe)  | Class II (eye-safe)   |
| <b>Acquisition Speed</b>  | 18,000 measures/sec   | 25,000 measures/sec   | 18,000 measures/sec  | 18,000 measures/sec   |
| <b>Stand-off distance for scanning surfaces</b>                                     | 30 cm   | 30 cm   | 30 cm  | 30 cm   |
| <b>Output Mesh Resolution</b>   | 0.100 mm  | 0.050 mm  | 0.100 mm   | 0.100 mm  |
| <b>Accuracy (Local)</b>   | up to 0.050 mm  | up to 0.040 mm  | up to 0.050 mm   | up to 0.050 mm  |
| <b>Volumetric Accuracy*</b>   | 0.200 mm per metre plus 0.020 mm  | 0.100 mm per metre plus 0.020 mm  | 0.200 mm per metre plus 0.020 mm   | 0.025 mm per metre plus 0.020 mm  |
| <b>Texture Resolution</b>   | n / a   | n / a   | n / a  | 50 to 250 DPI   |
| <b>Texture Colours</b>  | n / a   | n / a   | n / a  | 24 bits, SRGB-calibrated  |
| <b>Best for part sizes (recommended)</b>  | up to 3 metres  | up to 4 metres  | up to 3 metres   | up to 15 metres and more  |
| <b>Output Format</b>  | stl, ply, txt, obj, ma, fxb, wrl, dae, x3d, x3dz and zpr  | stl, ply, txt, obj, ma, fxb, wrl, dae, x3d, x3dz and zpr  | stl, ply, txt, obj, ma, fxb, wrl, dae, x3d, x3dz and zpr   | stl, ply, txt, obj, ma, fxb, wrl, dae, x3d, x3dz and zpr  |
|  | Works with MaxSHOT 3D's large scale photogrammetry technology                                       | Works with MaxSHOT 3D's large scale photogrammetry technology                                       | Works with MaxSHOT 3D's large scale photogrammetry technology  | Works with MaxSHOT 3D's large scale photogrammetry technology   |
| <b>Volumetric Accuracy* (with MaxSHOT 3D)</b>                                       | 0.025 mm per metre plus 0.020 mm  | 0.025 mm per metre plus 0.020 mm  | 0.025 mm per metre plus 0.020 mm   | Same as MAXscan without MaxSHOT 3D  |
| <b>Best for part sizes (with MaxSHOT 3D)</b>  | up to 15 metres and more  | up to 15 metres and more  | up to 15 metres and more   | Same as MAXscan without MaxSHOT 3D  |

\* Based on the ISO 10360 standard, volumetric accuracy is defined as a size-dependent value.