



**ScanStation P40**



**ScanStation P30**



**ScanStation P16**

**Distance measurement system**

Maximum range

270 m  
1 Mio Pts/sec

✓  
user definable

Maximum scan rate

120 m  
1 Mio Pts/sec

—  
0.8 mm to 50 mm at 10 m

Selectable sensitivity levels

Resolution settings

Laser class

Dual axis compensator

80 m

1 Mio Pts/sec

—  
1.6 mm to 50 mm at 10 m

1

✓

**Imaging system**

Internal camera

HDR

External camera

✓  
✓  
Optional

✓  
✓  
Optional

✓  
✓  
Optional

**Environmental**

Operating temperature

Solid particle / liquid ingress protection

-20°C to +50°C  
IP54

-20°C to +50°C  
IP54

-20°C to +50°C  
IP54

**Survey/Setup functionality**

Quick orientation

Set azimuth

Known backsight

Resection

Auto resection

Traverse

✓  
✓  
✓  
✓  
✓  
✓

✓  
✓  
✓  
✓  
✓  
✓

—  
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—  
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—  
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**General Functionality**

Onboard target acquisition

Check & Adjust

One button scan control

Scan area definition from video or scan

Batch job scanning

✓  
✓  
✓  
✓  
✓

✓  
✓  
✓  
✓  
✓

—  
—  
✓  
✓  
✓

**Upgrade options**

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Upgrade to P40

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