## Leica ScanStation Comparison

Which 3D laser scanner is right for me?



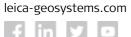






	Scalistation P30	Scalistation F40	Scalistation F30	Scalistation F10
DISTANCE MEASUREMENT SYSTEM				
Maximum range	> 1 km	270 m	120 m	80 m
Maximum scan rate	1 Mio Pts/sec	1 Mio Pts/sec	1 Mio Pts/sec	1 Mio Pts/sec
Selectable sensitivity levels	~	<b>v</b>	x	×
Resolution settings	User definable	User definable	0.8 mm to 50 mm at 10 m	1.6 mm to 50 mm at 10m
Laser class	1	1	1	1
Dual axis compensator	~	v	V	~
IMAGING SYSTEM				
Internal camera	V	V	V	V
HDR	·	V	V	<b>✓</b>
External camera	Optional	Optional	Optional	Optional
ENVIRONMENTAL				
Operating temperature	-20°C to +50°C	-20°C to +50°C	-20°C to +50°C	-20°C to +50°C
Solid particle / Liquid ingress protection	IP54	IP54	IP54	IP54
SURVEY / SETUP FUNCTIONALITY				
Quick orientation	~	V	V	×
Set azimuth	<i>V</i>	V	V	X
Known backsight	V	v	V	×
Resection	·	V	V	X
Auto resection	·	V	V	х
Traverse	·	V	V	х
GENERAL FUNCTIONALITY				
Onboard target acquisition	V	V	V	×
Check & Adjust	·	V	V	х
One button scan control	V	V	V	V
Scan area definition from video or scan	· ·	V	V	V
Batch job scanning	V	V	V	V
UPGRADE OPTIONS	Х	Upgrade to P50	Upgrade to P40	х



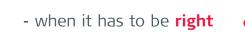












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