

AUTO LEVEL

Features

- High-resolution telescope;
- Magnetic-damping compensation;
- Endurable industrial design;
- Stable aluminum axis;
- Outstanding IP65, IP67 protection;



DSZ1

Magnification: 55x
Accuracy: 0.7mm
IP65 Protection



DSZ2

Magnification: 32x
Accuracy: 1.0mm
IP65 Protection



DSZ3

Magnification: 28x
Accuracy: 1.5mm
IP67 Protection



XFS1

Micrometer for DSZ2
Accuracy: $\pm 0.7\text{mm}$
Min reading: 0.01mm

DSZ 1

DSZ 2

DSZ 3

MAGNIFICATION	55x	32x	28x
EFFECTIVE OBJECTIVE APERTURE	55mm	45mm	40mm
STANDARD DEVIATION IN 1KM	0.7mm	1.0mm	1.5mm
STANDARD DEVIATION WITH MICROMETER	-	0.7mm	-
IMAGE	Erect	Erect	Erect
RETICLE	Cross reticle	Cross reticle	Cross reticle
FIELD OF VIEW	1°	1°30'	1°50'
MINIMUM FOCUS DISTANCE	1.2m	1.2m	0.6m
MULTIPLICATION CONSTANT	100	100	100
ADDITIVE CONSTANT	0	0	0
COMPENSATOR TYPE	Magnetic damped	Magnetic damped	Magnetic damped
COMPENSATOR RANGE	$\pm 12'$	$\pm 15'$	$\pm 12'$
COMPENSATOR ACCURACY	$\pm 0.3''$	$\pm 0.3''$	$\pm 0.4''$
ACCURACY OF CIRCULAR BUBBLE	8'/2mm	8'/2mm	8'/2mm
CIRCULAR GRADUATION	360° or 400 gon	360° or 400 gon	360° or 400 gon
WORKING ENVIRONMENT	-20°C to +50°C	-20°C to +50°C	-20°C to +50°C
PROTECTION	IP65	IP65	IP67
SIZE	280*145*185mm	251*144*138mm	213*132*130mm
WEIGHT	2.85kg	2.2kg	1.9kg