

FET 220

Electronic theodolite – easy to use

» For use in engineering, civil engineering and general construction.

Particular attention has been paid to making the FET 220 user-friendly with a large easy-to-read display and a laser plummet for precise positioning over a ground point.



SUPPLIED WITH FET 220

- Tribrach
- Rechargeable battery
- Charger
- Battery compartment for alkaline batteries
- Container



TECHNICAL DATA	FET 220	FEATURES
ART.-NO.	313000	
Magnification	30x	· Large easy-to-read LCD
Clear objective diameter	45 mm	· Laser plummet for easy set up over the ground point
Shortest focussing distance	1,5 m	· Illumination of LCD and field of view
Angle measurement	absolute encoder	· Horizontal circle: Hold-Function, 0-set at any desired position, clockwise/anti-clockwise reading
Accuracy	20" (6 mgon)	· Vertical circle: reading in gon / degrees / percent
Minimum reading	10" (3 mgon)	
Measuring units	400 gon / 360°	
Laser plummet: spot size	Ø 2 mm at 1,5 m	
Laser plummet: laser class	2	
Operating time / power supply	18 h / NiMH	
Temperature range	-20°C to +50°C	
Dust / water protection	IP 54	
Weight (instrument only)	4,2 kg	

FET 500

Construction Theodolite

» The versatile starter model for many applications.



TECHNICAL DATA	FET 500, 400 GON FET 500, 360°
ART. NO. 400 GON	350000
ART. NO. 360°	350360
Magnification	20 x
Objective aperture	30 mm
Shortest focussing distance	1.2 m
Direct reading	0.1 gon
Estimation	10 mgon
Temperature range	-40 °C – +50 °C
Weight	2.0 kg