

# Theodolites

## Electronic Digital Theodolites



### FET 110 and FET 120

- High accuracy
- Easy and fast operation
- Large, easy-to-read display
- Bright and high magnification telescope
- Built-in illumination for display and field of view
- Horizontal circle selectable clockwise / counterclockwise
- 0-set hold
- V-circle angle or % of slope
- Detachable tribrach
- 90 degrees eyepiece and solar filter on request

Technical data	FET 110	FET 120
<b>Telescope</b>	Erect image	
Length	155 mm	
Clear objective aperture	45 mm	
Magnification	30 x	
Resolution power	2.5"	
Shortest focussing distance	1.3 m	
Display(s)	2	1
<b>Angle measurement</b>	400 gon or 360°	
Incremental		
Minimum reading (selectable)	5"/10"	10"/20"
Accuracy (DIN 18723)	10"	20"
<b>Level sensitivity</b>		
Plate level	30" per 2 mm	
Circular level	8" per 2 mm	
<b>Optical plummet</b>		
Magnification	3 x	
Focussing range	0,5 m to ∞	
Power supply	4 x 1.5 V AA batteries	
Operating time	15 hrs	
Temperature range	-20° to +50° C	
Weight	4,8 kg	

## Builders' Theodolites



### FET 200

- Robust and easy to use
- Clear and easy scale reading
- Rotatable circle
- Built-in optical plummet
- Available in 400 gon or 360°

### Technical Data:

Magnification	30 x
Objective aperture	42 mm
Shortest focussing distance	2 m
Direct reading	10 mgon
Estimation	2 mgon
Weight	3,8 kg



### FET 500

- Ideal for the alignment of construction elements and setting of angles
- Built-in optical plummet
- Telescopic bubble
- Rotatable circle
- Available in 400 gon or 360°
- Eyepiece prisms for steep angle sighting and tubular compass on request

### Technical Data:

Magnification	20 x
Objective aperture	30 mm
Shortest focussing distance	1.2 m
Direct reading	0.1 gon
Estimation	10 mgon
Weight	2.0 kg