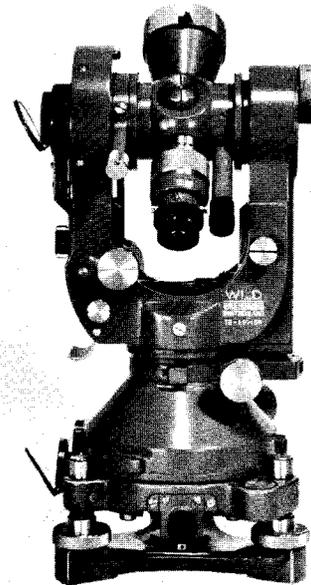


Wild T2 (T2E) Universal Theodolite, with part-digital reading of the circles

The well-known Wild T2 (T2E) Universal Theodolite is ideally suited for almost every type of survey task. In addition to its high accuracy and the part-digital readout, it is simple to handle, has a well-illuminated optical and reading system and can be used with a large variety of accessories and attachments. The optics are sufficiently good to allow observations to be made to normal targets at distances of up to 12 miles. Circle readings are made through one eyepiece, an inverter knob bringing the required circle image into the field of view. Coincidence setting provides a direct meaning of the two diametrically-opposite circle positions. The single second graduations and the general quality of the T2, with its all steel construction offering additional stability, make it a real "Universal" theodolite widely used for triangulations up to 3rd and even 2nd order limits, precise traversing, subtense measurements, astronomical observations, tacheometry, engineering work of all types, cadastral lay-outs, staking-out straights and curves, mining surveys and special industrial purposes, for which the special interchangeable Wild GOA autocollimation eyepiece is most useful. All models of the T2 are made so that the instrument can be removed from its tribrach and replaced by a target or subtense bar, without disturbing the centring. If required, a special tribrach, without built-in optical plummet, is available and another special tribrach fitted with a ball-centring device enables the T2 to be set up on an observation pillar in an embedded centring socket (a pillar bolt). — For full description see brochure G1 246e.

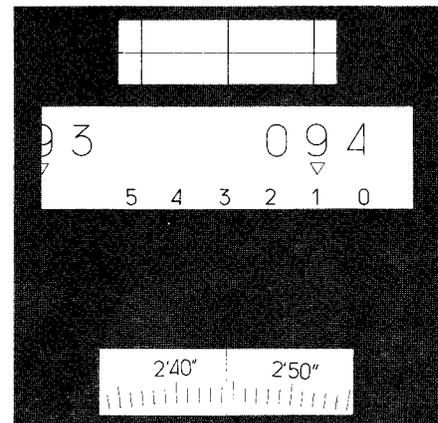


Wild T2

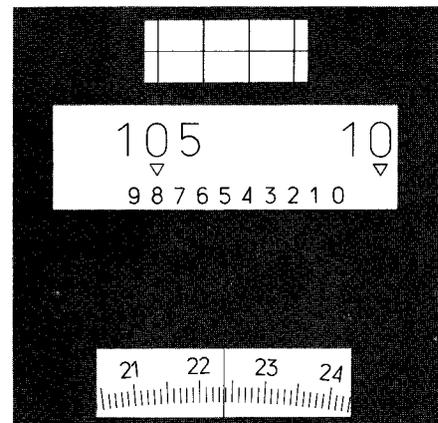
Technical Data

Telescope:

Magnification	28x
Clear objective aperture	1.6 in (40 mm)
Field of view at 1000 ft (m)	29 ft (m)
Shortest focussing distance T2	5 ft (1.5 m)
Shortest focussing distance T2E (erect image)	7.2 ft (2.2 m)
Multiplication constant	100
Additive constant	0
Length	6 in (150 mm)
Sensitivity of plate level, per 2 mm	20"
Sensitivity of index level (coincidence reading) per 2 mm	30"
Sensitivity of circular bubble, per 2 mm	8'
Glass circles	360° or 400°
Diameter of graduations, horizontal circle	3.5 in (90 mm)
Diameter of graduations, vertical circle	2.8 in (70 mm)
Graduation interval (both circles)	20' (20°)
Micrometer reading direct to	1" (1 ^{cc})
Weight of T2	12.3 lb (5.6 kg)
Weight of container	4.4 lb (2.0 kg)
Average height of tilting axis	9.3 in (237 mm)



360° Reading: vertical circle: 94° 12' 44"



400° Reading: horizontal circle: 105.82249

Wild Heerbrugg Ltd., CH-9435 Heerbrugg, Switzerland

Precision Engineering, Optics and Electronics

Telephone (071) 70 31 31, 72 24 33

Cables: Wico Heerbrugg / Telex 77191

WILD
HEERBRUGG