

# MiniLevel NT

Other styles, sizes and sensitivities are available as well as magnetic inserts for most units. Call Fowler's Technical Staff for price and availability.



Remote display unit  
54-830-500



## Specifications

**The Minilevel NT series from Wyler is unsurpassed in precision and reliability, and is the tool of choice for measuring small angles, flatness of surface plates & geometrical errors.**

- Large LCD digital display.
- Choice of high or low sensitivity.
- Precise push-button zero point adjustment.
- Rugged precision aluminum housing for protection against external influences.
- All standard measuring bases are available.
- State of the art digital technology.
- Connection to Levelmeter 2000 #54-845-000 is possible for remote display.
- Power supply with common "AA" 1.5 V batteries.
- Fulfills strict European CE requirements (immunity against electromagnetic smog).
- Switchable Hi/Lo sensitivity.
- Works with #54-820-779 Flatness/Geometry Kit.

Instrument Range choice Inclination range Sensitivity	Minilevel NT (Arc.Sec.)	2/0.2 arc.sec.—instrument		10/1 arc.sec.—instrument	
		Range I ±19999 digits 10 µm/m 2 arc.sec.	Range II ±1999 digits 1 µm/m 0.2 arc.sec.	Range I ±19999 digits 50 µm/m 10 arc.sec.	Range II ±1999 digits 5µm/m 1 arc.sec.
Data output connection	Analog output=: Digital output=:	1mV/Sensitivity Unit RS-485, asynch., 7 Bit, 2 Stopbits, no parity, 9600 Baud			
Setting time		Value available after <3 sec.			
Limits of error	Up to 0.5 fullscale (DIN 2276)	max. 1% of measured value			
Limits of error	From 0.5 to fullscale (DIN 2276)	max. 1% of (2*measured value—0.5*F.S.)			
Temperature error /°C	Between 16 & 25°C (61—77°F)	<0.1% F.S.	<0.05% F.S.		
Power supply with batteries (Lifetime)		Batteries	1 x Size AA 1.5V Alkaline (100,—140 hrs.)		
External power supply		Option	1 x Size AA 3.0 V MnO <sub>2</sub> —Lithium (200 hrs.)		
Temperature range		+5V DC, 20mW Operating 0° to 40°C. Storage -20° to 70°C.			

## More specifications

Order Number	Sensitivity Setting	Inclination Angular	Inclination Inch/10"	Inclination mm/meter	Base Size	Base Type
54-830-104	High Low	1 second 10 second	0.00005 0.0005	0.005 0.05	4"(110mm)	Hardened Steel w/Dust Grooves
54-830-234	High Low	.2 second 2 second	0.00001 0.0001	0.001 0.01	4"(110mm)	Prismatic V-Groove
54-830-116	High Low	1 second 10 second	0.00005 0.0005	0.005 0.05	6"(150mm)	Slotted Screw-On
54-830-216	High Low	.2 second 2 second	0.00001 0.0001	0.001 0.01	6"(150mm)	Slotted Screw-On
54-830-226	High Low	.2 second 2 second	0.00001 0.0001	0.001 0.01	6"(150mm)	Angular w/V-Grooves
54-830-128	High Low	1 second 10 second	0.00005 0.0005	0.005 0.05	8"(200mm)	Angular w/V-Grooves

54-830-500 Remote display for the Minilevel NT series

The above levels are calibrated in Arc Seconds. Available on special order are models calibrated in µm/m.