

Wyler Wireless blueSYSTEM Bluetooth

The new Wireless blueSYSTEM from Wyler AG of Switzerland is a further enhancement of the well known and established NT line of levels for machine tool inspection and surface measurement.

The new system combines the latest sensor & pendulum technology with optional wireless data transmission over the international Bluetooth standards.

Features

- Compact and ergonomic design which is functionally optimized for precision measurement
- Optional wireless data transmission based on the internationally approved Bluetooth TM-standard
- Rotating, easy to read, LCD display.
- Each instrument is assigned its own specific address allowing the use of several independent systems in the same area without interfering with each other.
- Since each blueLEVEL has a built in, optional IR receiver, the measurement can be initiated at any instrument
- Linearity according to DIN 2276
- All instruments are equipped with RS-232 / RS-422 / RS-485 interfaces
- Powered by standard 1.5V batteries type "C"
- In compliance with CE regulations and all applicable EMC regulations



54-895-150 Kit

Wireless blueSYSTEM Specifications

Sensitivity	1µm/m 0.2 Arcsec.	5µm/m 1 Arcsec.	10µm/m 2Arcsec.
Display Range	± 20mm/m	± 100mm/m	± 200mm/m
Limits of error up to 0.5 fullscale (DIN 2276)	Maximum 1% of measured value		
Limits of error from 0.5 to fullscale (DIN 2276)	Maximum 1% of (2* measured value - 0.5* fullscale)		
Temperature error	Maximum 0.1% Full-scale		
Settling time	within 3 seconds		
Digital output	RS-232/RS-422/RS-485, 7 DataBits, 2StopBits, no parity, 9600 bps		
External power supply	blueLEVEL: +5V DC, max. 450 mW blueMETER + blueTC: +5 V DC, max. 450 mW or/oder 8...28 V DC		
Temperature range	Operating 0 to 40°C; storage -20 to +70°C		
Net weight (including batteries)	blueLEVEL: 1200g blueMETER: 775g		

Order Number	Description	Base Size/Type	Sensitivity
54-893-150-0	blueLEVEL without radio	6" horizontal base with mounting holes	0.2 arc seconds
54-893-150-1	blueLEVEL with radio	6" horizontal base with mounting holes	0.2 arc seconds
54-893-200-0	blueLEVEL without radio	8" horizontal base with mounting holes	0.2 arc seconds
54-893-200-1	blueLEVEL with radio	8" horizontal base with mounting holes	0.2 arc seconds
54-894-150-0	blueLEVEL without radio	6" angular base with V groove	0.2 arc seconds
54-894-150-1	blueLEVEL with radio	6" angular base with V groove	0.2 arc seconds
54-894-200-0	blueLEVEL without radio	8" angular base with V groove	0.2 arc seconds
54-894-200-1	blueLEVEL with radio	8" angular base with V groove	0.2 arc seconds

Other sensitivities and specifications available, contact technical department for details.

Kit

54-895-150 2 Levels, blueMETER, Cables and IR Zapper with case.

Accessories

54-896-100	Cable for software interface
54-845-200-0	blueMETER without radio
54-845-200-1	blueMETER with radio
54-845-205	2.5m cable blueLEVEL to blueMETER
54-845-210	5m cable blueLEVEL to blueMETER
54-845-999	IR Zapper