Measurement Data Wireless Communication System: U-WAVE

Series 02AZD

- Wireless system used to transfer data from a Digimatic measuring instrument to a PC.
- Easy data export to Excel or other applications using the bundled data I/F (interface) software.
- Water-proof and oil-proof (IP67), longer battery life, transmitted data reception confirmation (LED, buzzer) on the transmitter.
- Support of data request from a PC (Event Drive mode). This is effective if no operator is in attendance on measuring tool or if the tool is installed at an inaccessible side.

Specifications

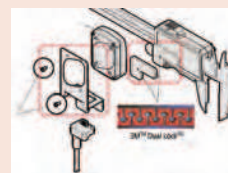|	
OS compatibility	Windows 2000 Professional (≥SP4), Windows XP Professional (≥SP2), Windows XP Home Edition (≥SP2), Windows Vista, Windows 7 (32 bit, 64 bit)
Modulation method	DS-SS (Direct Sequence Spread Spectrum)
Communication distance	Approx. 20 m line of sight
Communication speed	250 kbps
Communication frequency	2.4 GHz (ISM: universal frequency band)
User band	15 channels (2.405 to 2.475GHz at intervals of 5 MHz)

Standard accessories

No.	Description
02AZD770	Clip for Cable fixing
05CZA619	Screw driver

Optional accessories

No.	Description
937179T	Footswitch
02AZE200	Holder for U-WAVE T. Contents: support plate, fixing pads, screws

Consumable spares

No.	Description
05SAA217D	Lithium battery CR-2032

02AZE200 : Holder for caliper, micrometer and dial indicator.

U-Wave-R

U-WAVE-T
1 - Wall installation board
2 - U-Wave-T (Connecting cable)
3 - U-Wave-T
4 - Measuring Tool with Digimatic Output

Transmitter U-WAVE T

No.	Designation	Data reception indication	Battery life	External dimensions mm	Power supply	Mass g
02AZD730D	IP67 model	LED	400.000 transmissions	44 x 29.6 x 18.5	Lithium Battery CR2032 1x	23
02AZD880D	Standard model	LED and buzzer	400.000 transmissions	44 x 29.6 x 18.5	Lithium Battery CR2032 1x	23

Receiver U-WAVE R

No.	Designation	Software	Number of U-WAVE-R units that can be connected to PC	Number of U-Wave-T units that can be connected	USB Cable length	External dimensions mm	Power supply	Mass g
02AZD810D	U-WAVE R + software	U-WAVE Pak	Up to 16	Up to 100	1 m	140 x 80 x 31.6	USB bus power system	130

Mitutoyo