

U-WAVE

U-WAVE and U-WAVE fit - Wireless Data transmission system

- Approx. 20 m (within visible range).
- Communication frequency: 2,4GHz wireless system for reliable and secure data transmission.
- Easy data export to Easy data export to Microsoft® Excel® or other professional SPC software applications like Mitutoyo MeasurLink.
- Transmitter confirms data transfer by a buzzer sound or a red/green LED signal.
- Low power consumption: 400000 data transmissions with one battery.
- U-WAVE Event will also support a data request from a PC. This is ideal if the system is installed at an inaccessible side.



PC with U-WAVE-R (Receiver)



For Caliper U-WAVE-TC (U-WAVE fit transmitter) with Connection Unit



For Micrometer U-WAVE-TM (U-WAVE fit transmitter) with Connection Unit



For miscellaneous measuring instruments U-WAVE-T (Transmitter) with Connection Cable

Specifications

Wireless communication protocol	Proprietary (2,4 GHz by original specification based on IEEE 802.15.4)
Modulation method	DS-SS (Direct Sequence Spread Spectrum)
Communication distance	Approx. 20 m (within visible range)
Communication speed kbps	250
Communication frequency	2,4 GHz band (2,405-2,475 GHz, 15 channels (5 MHz interval))
Communication with measuring tool	Digimatic (6 digits), Digimatic 2 (8 digits) automatic identification
OS compatibility	Windows® 2000 Professional (≥SP4), Windows® XP Professional (≥SP2), Windows® XP Home Edition (≥SP2), Windows Vista®, Windows® 7 (32bit, 64bit), Windows® 8, 8.1, 10 (32bit, 64bit), 11

Standard accessories

No.	Description
055AA217D	Lithium battery CR-2032, 1 pcs.

Optional accessories

No.	Description
06AGR543	USB-ITPAK Vers. 3.0, USB Dongle + Manual (Software available Online)
02AZF300	Connection Unit, U-WAVE fit, U-WAVE fit Bluetooth
02AZF310	Connection Unit, U-WAVE fit, U-WAVE fit, U-WAVE fit Bluetooth
02AZF700	Connection Unit Indicator, 12,7mm/0,5" Type, U-WAVE fit, U-WAVE fit Bluetooth
02AZD790A	U-WAVE-T Connection Cable A, with Data Button IP Caliper Type
02AZD790B	U-WAVE-T Connection Cable B, with Data Button IP Micrometer Type
02AZD790C	U-WAVE-T Connection Cable C, Straight, with Data Button
02AZD790D	U-WAVE-T Connection Cable D, Flat 10-Pin Type
02AZD790E	U-WAVE-T Connection Cable E, Round 6-Pin Type
02AZD790F	U-WAVE-T Connection Cable F, Flat Straight Type
02AZD790G	U-WAVE-T Connection Cable G, Flat Straight IP Type
02AZG011	U-WAVE-T Connection Cable SF, for Digimatic S1 Interface
63BAA057	U-WAVE T External Power Supply Adapter
02AZF670	U-WAVE fit Transmitter Mounting Plate, for ID-C, ID-S and ID-F Digital Indicator
02AZF675	U-WAVE fit Transmitter Mounting Plate, for ID-N Digital Indicator
02AZE200	U-WAVE Transmitter Mounting Plate, Universal Type
02AZE990	U-WAVE Transmitter Mounting Plate, for QM-Height
12AAY486	U-WAVE-T Transmitter Mounting Plate, for LH-600F/FG