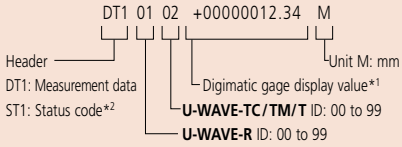


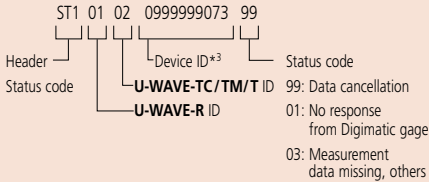
Data format

Example of format when the Digimatic gage displays 12.34



*1 Data interface function is switchable to "Measurement value only" e.g.) 12.34

*2 Example of status code format



*3 Unique number assigned to U-WAVE at shipment

Notes on Identification of Measurement Data and Multiple Systems Operation

Following the above format, the U-WAVE data format starts with a 4-digit code where the first two digits represent receiver channels and the last two are transmitter channels. The large number of transmitter/receiver combinations possible with this scheme ensures that the receivers in a factory measurement system only accept data from the intended transmitters, even when several receivers are all within communication range of different transmitters using the same channel. Different frequency bands (up to 15 available) may also be used to further ensure that there are no communication problems between adjacent U-WAVE-R units.

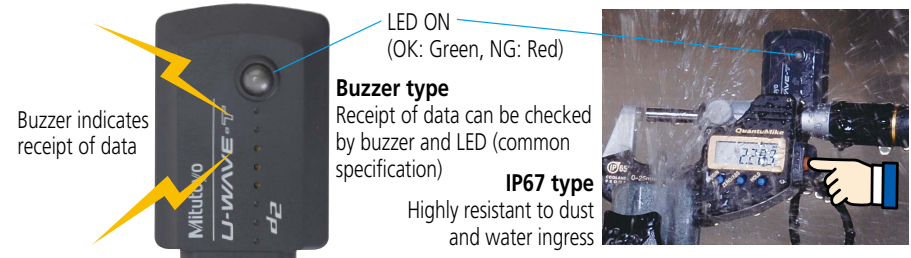
Measurement Data Wireless Communication System U-WAVE

U-WAVE-T

Transmits measurement data to U-WAVE-R. Select IP67 or buzzer type, according to your application. U-WAVE-R can be connected to Digimatic gages by dedicated cable for U-WAVE-T (optional).

Model	U-WAVE-T (IP67 type)	U-WAVE-T (Buzzer type)
Order No.*	02AZD730G / 02AZD730H / 02AZD730J	02AZD880G / 02AZD880H / 02AZD880J
Protection Rating	IP67	None
Data reception indication	LEDs	Buzzer and LEDs
Power supply	Lithium battery CR2032x1	
Battery life	Approx. 400,000 transmissions	
Dimensions (mm)	44x29.6x18.5	
Mass (g)	23	

* Order No. differs depending on the destination country.



U-WAVE-T dedicated connection cable

A dedicated cable connects a Digimatic gage to U-WAVE-T. Check the connector (A to G; refer to pages A-27 and A-28 for details) compatible with the Digimatic gage to be used and select either standard type (figure 1) or foot switch type (figure 2) according to your application.

Type	Standard connecting cable	Connecting cable for foot switch
	Order No.	Order No.
(A) Water-proof model with output button	02AZD790A	02AZE140A
(B) Water-proof model with output button	02AZD790B	02AZE140B
(C) With data-out button	02AZD790C	02AZE140C
(D) 10-pin plain type	02AZD790D	02AZE140D
(E) 6-pin round type	02AZD790E	02AZE140E
(F) Plain type straight	02AZD790F	02AZE140F
(G) Plain type straight water-proof model	02AZD790G	02AZE140G

