



Applicable models:
350-261-30, 350-271-30,
350-273-30, 350-28X-30,
350-361-30 and 350-38X-30

Functions (series 164)

Origin point setting (ABS measurement system): Resets the ABS origin at the current spindle position to the minimum value of the measuring range and switches to ABS mode.

Zero-setting (INC measurement system): A brief press on the ZERO/ABS button sets display to zero at the current spindle position and switches to the incremental (INC) measuring mode. A longer press resets to the ABS measuring mode.

Data output: Equipped with output port for transferring measurement data to a Statistical Process Control (SPC) and measurement system.

Auto power ON/OFF: The reading on the display disappears after this instrument is idle for about 20 minutes, but the reading and measurement mode are retained. Turning the spindle causes the reading on the display to reappear.

Error alarm: In case of an overflow on the display or a computing error, an error message appears on the display and the measuring function stops. This prevents an instrument from giving an erroneous reading. Also, when the battery voltage drops to a certain level, the low-battery indicator appears well before the micrometer becomes unusable.

Optional Accessories

Code No.	Type	Description
264-020	—	USB Input Tool Series USB Keyboard Signal Conversion Type IT-020U
05CZA662	B	Connection cable (1 m): for series 350 (IP65)
05CZA663	B	Connection cable (2 m): for series 350 (IP65)
959149	C	Connection cable for series 164 (1 m)
959150	C	Connection cable for series 164 (2 m)
06AFM380B	B	USB Input Tool Direct for series 350 (IP65) (2 m)
06AFM380C	C	USB Input Tool Direct for series 164 (2 m)
02AZD790B	B	Connection cable for U-WAVE-T (160 mm): for series 350 (IP65)
02AZE140B	B	Connection cable for U-WAVE-T For foot switch: for series 350 (IP65)
02AZD790C	C	Connection cable for U-WAVE-T (160 mm): for series 164
02AZE140C	C	Connection cable for U-WAVE-T For foot switch: for series 164
264-622	IP67	U-WAVE-TM
264-623	Buzzer	U-WAVE-TM
264-626	IP67	U-WAVE-TMB
264-627	Buzzer	U-WAVE-TMB
02AZF310	IP67	Connecting unit for U-WAVE-TM/TMB*

* Cannot be used with **164-163** and **164-164**

**Digimatic Micrometer Heads
 SERIES 164, 350**

- Easy-to-read digital display.
- All models support data output.



164-163



350-281-30 (IP65)

SPECIFICATIONS

Metric																																																									
Code No.	Range (mm)	Resolution (mm)	Graduation (mm)	Stem	Stem dia. (mm)	Spindle end	Graduation features	Maximum permissible error J_{MPE} (μm)																																																	
164-163	0 - 50	0.001	0.01	Plain	18	Standard	—	±3																																																	
350-251-30*1	0 - 25			0.001	0.01				W/clamp nut	10	Standard	—	±2																																												
350-252-30*1									Plain					10	Standard	—	±2																																								
350-253-30*1									W/clamp nut									10	Standard	—	±2																																				
350-254-30*1									Plain													10	Standard	—	±2																																
350-281-30*2									W/clamp nut																	12	Standard	—	±2																												
350-282-30*2									Plain																					12	Standard	—	±2																								
350-283-30*2									W/clamp nut																									12	Standard	—	±2																				
350-284-30*2									Plain																													12	Standard	—	±2																
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350-271-30*2									Plain																																					12	Standard	—	±2								
350-272-30*1									W/clamp nut																																									12	Standard	—	±2				
350-273-30*2									Plain																																													12	Standard	—	±2
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