

## QM-Data200 SERIES 264 — 2D Data Processing Unit

- 2D Data Processor designed to perform arithmetic processing of XY coordinate data acquired from projectors and measuring microscopes for local display or output to a printer.
- Informative color-graphic displays on the large LCD screen make for easy measurement operations.
- The AI measurement function (automatic identification of measuring item) eliminates switching between the measurement command keys.
- Equipped with a measurement procedure teaching function and measuring position navigation in Repeat mode.
- The user menu function allows users to register measurement commands or part programs to create their own menus.
- Measurement result output to CSV format in spreadsheet software.
- Measurement procedures and calculation results can be saved on a USB-compatible memory device.



**QM-Data200**  
(stand type)



Foot switch  
**12AAJ088**

### SPECIFICATIONS

Model No.	QM-Data200		
	Stand type	Flexible arm type	Stand type
Order No.	<b>264-155</b> *1	<b>264-156</b> *1	<b>264-159</b> *1
Applicable models (Conventional models)*2	<b>PJ-PLUS</b> Series <b>PJ-H30</b> Series <b>PV-5110</b> <b>PH-3515F</b> <b>PH-A14</b> <b>MF</b> Series <b>MF-U</b> Series	<b>PJ-PLUS</b> Series <b>PJ-H30</b> Series <b>PV-5110</b> *3 <b>PH-3515F</b> *3 <b>PH-A14</b> *3	<b>Hyper MF/MF-U</b>
Unit of measurement	Length: mm    Angle: Switchable between decimal degree and sexagesimal notation		
Resolution	0.1 μm		0.01 μm
Program function	Creating, performing, and editing of measurement procedures		
Statistical processing	Number of data, maximum value, minimum value, mean value, standard deviation, range, histogram, Statistics classified by each measurement function (Statistics classified by each command)		
Display unit	Color graphic LCD (equipped with LED backlight)		
ABS point	—		Available (Automatic movement)
LAF (Laser AF)	—		Available
Edge sensor position correction	Available (Profile Projectors with OPTOEYE 200)		—
Input/output	XYZ: Data input from linear scales (Maximum number of axes: 3) RS-232C <b>1</b> : Connection to an external PC RS-232C <b>2</b> : Connection to a measuring unit counter OPTOEYE: Connection to an OPTOEYE edge signal (OPTOEYE 200) FS: For the connection to the foot switch PRINTER: For the connection to an external printer USB-MEMORY: For the connection to a USB memory		
Measurement result file output	RS-232C output (CSV format, MUX-10 format)		
Display language	16 languages (Japanese, English, German, French, Italian, Spanish, Portuguese, Czech, Chinese (simplified/traditional), Korean, Turkish, Swedish, Polish, Dutch, Hungarian)		
Power supply	AC100 to 240 V		
Maximum power consumption	17 W (excluding optional accessories)		
External dimensions (W×H×D)	260×242×310 mm (including the stand section)	318×153×275 mm (when the arm is horizontal)	260×242×310 mm (including the stand section)
Mass	Approx. 2.9 kg	Approx. 2.8 kg	Approx. 2.9 kg
Standard Accessories	AC adapter, Power cable, Quick Operation Guide		

\*1 To denote your AC power cable add the following suffixes to the order No.: A for UL/CSA, D for CEE, E for BS, K for KC, C and No suffix is required for PSE, and 00 for power cord other than A, D, E, K, C, No suffix.

\*2 Please contact Mitutoyo sales office with respect to the models that are applicable to the models other than mentioned above.

\*3 The flexible arm type cannot be used concurrently with a counter stand.



Refer to the **QM-Data200** and Vision Unit Brochure (**E14008**) for more details.