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PRODUCT INFORMATION

Features, Technical Data, Optional Accessories and Specifications

Coolant Proof Micrometer – Metric

Series 293 – with Dust/Water Protection Conforming to IP65 Level

FEATURES

Coolant Proof Micrometers MDC-MX Series

Twice as Long Battery Life as before and Drastic Improvement in Measurement Efficiency

IP65 protection level, enabling use in environments exposed to cutting oil, etc*.

*Anti-corrosion treatment is required after use.

Measurement data output function is available with a water-resistant connection cable.

Auto power ON/OFF function.

A nonslip surface with raised dots is employed for the frame cover and surface panel to achieve stable handheld measurement.

Certificate of inspection* is included.

(50mm/2" or less range models) *It is not the type used to obtain calibration certificates.

With a standard bar except for 0-25mm/0-1" model.

Supplied in fitted case. Plastic case up to 150mm/6",

Wooden box over 150mm/6"

Technical Data Accuracy: Refer to the list of specifications.

Resolution: 0.001mm or .00005" <http://ecatalog.mitutoyo.com/0.001mm>

Flatness: 0.3µm/.000012"

Parallelism: 1µm/.00004" for models up to 50mm/2"

2µm/.00008" for models up to 100mm/4"

3µm/.00012" for models up to 175mm/7"

4µm/.00016" for models up to 275mm/11"

5µm/.0002" for models over 300mm/12"

Measuring faces: Carbide tipped

Display: LCD

Battery: SR44 (1 pc.), 938882

Battery life: Approx. 1.2 years under normal use

(8 months: over 100mm models)

Dust/Water protection level: IP65

Function Origin-set, Zero-setting, Automatic power on/off, Data hold,

Data output, inch/mm conversion

(inch/mm models)

Alarm: Low voltage, Counting value composition error

Optional Accessories **05CZA662**: SPC cable with data switch (1m/40") **05CZA663**: SPC cable with data switch (2m/80") **USB Input Tool Direct USB-ITN-B (2m)**: **06ADV380B**

Metric

Order No	Description	Image	Parts	Range	
293-230-30	Coolant Proof IP65-MX		—	0-25mm	±
293-231-30	Coolant Proof IP65-MX	—	 Parts Break Down	25-50mm	±
293-232-30	Coolant Proof IP65-MX	—	—	50-75mm	±
293-233-30	Coolant Proof IP65-MX	—	—	75-100mm	±
293-234	Coolant Proof Micrometer IP65	—	 Parts Break Down	0-25mm	±
293-235	Coolant Proof Micrometer IP65	—	 Parts Break Down	25-50mm	±
293-236-30	Coolant Proof IP65-MX	—	—	50-75mm	±
293-237-30	Coolant Proof IP65-MX	—	—	75-100mm	±
293-238	Coolant Proof Micrometer IP65		 Parts Break Down	0-25mm	±
293-240-30	Coolant Proof IP65-MX	—	—	0-25mm	±
293-241	Coolant Proof Micrometer IP65	—	 Parts Break Down	25-50mm	±
293-242-30	Coolant Proof IP65-MX	—	—	50-75mm	±
293-243-30	Coolant Proof IP65-MX	—	—	75-100mm	±

293-244	Coolant Proof Micrometer IP65	—	 Parts Break Down	0-25mm	±
293-245	Coolant Proof Micrometer IP65	—	 Parts Break Down	25-50mm	±
293-246-30	Coolant Proof IP65-MX	—	—	50-75mm	±
293-247-30	Coolant Proof IP65-MX	—	—	75-100mm	±
293-248	Coolant Proof Micrometer IP65		 Parts Break Down	0-25mm	±
293-250-10	Coolant Proof Micrometer IP65	—	 Parts Break Down	100-125mm	±
293-251-10	Coolant Proof Micrometer IP65	—	 Parts Break Down	125-150mm	±
293-252-10	Coolant Proof Micrometer IP65		 Parts Break Down	150-175mm	±
293-253-10	Coolant Proof Micrometer IP65	—	 Parts Break Down	175-200mm	±
293-254-10	Coolant Proof Micrometer IP65	—	 Parts Break Down	200-225mm	±
293-255-10	Coolant Proof Micrometer IP65	—	 Parts Break Down	225-250mm	±
293-256-10	Coolant Proof Micrometer IP65	—	 Parts Break Down	250-275mm	±
293-257-10	Coolant Proof Micrometer IP65	—	 Parts Break Down	275-300mm	±

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Dimensions



Literature

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