



ABSOLUTE Coolant Proof Digimatic Scale Units

SERIES 572 — With Dust/Water Protection IP66 Level

FEATURES

- Newly employed detection method (Electromagnetic induction method) enables use in adverse environments with water and cutting oil.
- Specially designed output cables are developed to maintain the water resistant structure.
- No over speed error since it employs absolute scale which reads the absolute value.
- Once an absolute zero (origin) point is set, the Digimatic Scale Unit shows its absolute distance from the point whenever turned on rather than 0.00".



Technical Data

Accuracy: Refer to the list of specifications
 Resolution: 0.01mm or .0005"/0.01mm
 Repeatability: 0.01mm
 Display: LCD
 Length standard: ABSOLUTE electromagnetic induction linear encoder
 Max. response speed: Unlimited
 Battery: SR44 (1 pc.), **938882**
 Battery life: Approx. 1.5 years under normal use
 Dust/Water protection level: IP66

Function

Origin-set, Zero-setting, Automatic power on/off,
 Data output, inch/mm conversion (on inch/metric models only)
 Alarm: Low voltage, Counting value composition error

Optional Accessories

05CZA624: SPC cable with data switch (1m / 40")
05CZA625: SPC cable with data switch (2m / 80")

IP (International Protection) Codes:

Example, IP66 Means:
 1st Digit "6": Dust sealing
 2nd Digit "6": Water Resistant
 For detailed descriptions, see page X

SPECIFICATIONS

Metric

Range	Order No.	Accuracy	Resolution
0 - 100mm	572-600	0.03mm	0.01mm
0 - 150mm	572-601	0.03mm	0.01mm
0 - 200mm	572-602	0.03mm	0.01mm

Inch/Metric

Range	Order No.	Accuracy	Resolution
0 - 4" / 0 - 100mm	572-613	.001" / 0.03mm	.0005" / 0.01mm
0 - 6" / 0 - 150mm	572-614	.001" / 0.03mm	.0005" / 0.01mm
0 - 8" / 0 - 200mm	572-615	.001" / 0.03mm	.0005" / 0.01mm

DIMENSIONS AND MASS

