

Integrated Scale Units

SERIES 572 – ABSOLUTE Digimatic Scales

- Designed to capture positional coordinates from slides on machine tools and precision instruments; such as are incorporated in semiconductor production equipment, for example.
- The ORIGIN key allows setting of an absolute zero point to be used as reference in subsequent measurements. Once set, the ABS Digimatic Scale Unit is ready to show its true position whenever turned on rather than 0.00 as with standard models.
- The ZERO/ABS key allows the display to be zero-set at any slider position along the beam for incremental comparison measurements. This key will also allow return to absolute coordinates with a display of the true position from the origin point.
- No rack, no pinion, no glass scale. The Digimatic scale is safely embedded in the hardened stainless steel blade.
- All units come with two mounting brackets, each located at one end of the scale.
- With SPC data output.

ABSOLUTE

SPC



572-211-20 Horizontal single-function type



572-470 Horizontal multi-function type



572-310-10 Vertical single-function type

572-571 Vertical multi-function type



Technical Data

Accuracy:	Refer to the list of specifications (excluding quantizing error)
Resolution:	.0005" / 0.01 mm
Display:	LCD
Length standard:	ABSOLUTE electrostatic capacitance type linear encoder
Max. response speed:	Unlimited
Battery:	SR44 (1 pc.), 938882
Battery life:	Approx. 3.5 years under normal use
Functions:	origin-set, zero-setting, power on/off, presetting, data hold, data output, inch/mm conversion (inch/mm models), measurement direction switching*
Alarm:	Low voltage, measurement value composition error.

*Not available for single-function models

Optional Accessories

959143:	Data hold unit for single-function type £14.10
959149:	SPC data cable with pushbutton for single-function type (1 m) £34.60
959150:	SPC data cable with pushbutton for single-function type (2 m) £39.40
905338:	SPC data cable (1 m, standard) £32.90
905409:	SPC data cable (2 m, standard) £36.80
905689:	SPC data cable (1 m, L-shape, back) £32.90
905690:	SPC data cable (2 m, L-shape, back) £45.20
905691:	SPC data cable (1 m, L-shape, right) £32.90
905692:	SPC data cable (2 m, L-shape, right) £45.20
905693:	SPC data cable (1 m, L-shape, left) £32.90
905694:	SPC data cable (2 m, L-shape, left) £45.20