

PRODUCT INFORMATION

Features, Technical Data, Optional
Accessories and Specifications

ABSOLUTE Digimatic Indicator ID-S Series 543-with Simple Design

Series 543

FEATURES

- After the initial zero-setting with the Origin button, the repeated absolute positioning is no longer necessary over entire battery life.
- Unlimited response speed eliminates overspeed errors
- Similar in size to standard Series 2 dial indicators.
- SPC data output.

Technical Data

Accuracy: Refer to the list of specifications
Resolution: 0.01mm, 0.001mm, .0005"/0.01mm .0001"/0.001mm or .00005"/0.001mm
Display: LCD
Length standard: ABSOLUTE electrostatic capacitance-type linear encoder
Max. response speed: Unlimited
Measuring force: Refer to the list of specifications
Battery: SR44 (1 pc.) **938882**
Battery life: Approx. 20,000 hours under normal use
Dust/Water protection level: IP42 (IP53: 543-794B, 543-795B, 543-796B)
Inspection certificate is included.

Function

Origin-set, Zeroset, Counting direction switching, Power ON/OFF, Data output, inch/mm conversion (on inch/metric models only)
Alarm: Low voltage, Counting value composition error, Over-flow error

Optional Accessories

905338: SPC cable (40"/1m)
905409: SPC cable (80"/2m)
21EZA198: Spindle lifting lever (ISO/JIS type)
21EZA199: Spindle lifting lever (ANSI/AGD type)
540774: Spindle lifting cable (stroke: .4" / 10mm)
21EZA105: Lifting knob (mm)
21EZA150: Lifting knob (inch)
125317: Spare rubber boot (for dust-proof type)

[Parts Break Down](#)



Dimensions



Manual



Video

Inch/Metric	Metric								
Order No	Model No	Image	Reso	Range	Accuracy	Stem DIA	Force	Contact Point	
543-782	ID-S1012MX		.0005in 0.01mm	.5in 12.7mm	.0008in	5/16in	2.0N or less	M2.5x0.45 Thread	
543-782B	ID-S1012MBX		.0005in 0.01mm	.5in 12.7mm	.0008in	5/16in	2.0N or less	M2.5x0.45 Thread	
543-783	ID-S1012E		.0005in 0.01mm	.5in 12.7mm	.0008in	3/8in	2.0N or less	4-48 UNF Thread	
543-783B	ID-S1012EB		.0005in 0.01mm	.5in 12.7mm	.0008in	3/8in	2.0N or less	4-48 UNF Thread	
543-791	ID-S112MX		.00005in 0.001mm	.5in 12.7mm	.0001in	5/16in	2.0N or less	M2.5x0.45 Thread	
543-791B	ID-S112MBX		.00005in 0.001mm	.5in 12.7mm	.0001in	5/16in	2.0N or less	M2.5x0.45 Thread	
543-792	ID-S112EX		.00005in 0.001mm	.5in 12.7mm	.0001in	3/8in	2.0N or less	4-48 UNF Thread	
543-792B	ID-S112EBX		.00005in 0.001mm	.5in 12.7mm	.0001in	3/8in	2.0N or less	4-48 UNF Thread	
543-793	ID-S112TX		.0001in 0.001mm	.5in 12.7mm	.0001in	3/8in	2.0N or less	4-48 UNF Thread	
543-793B	ID-S112TBX		.0001in 0.001mm	.5in 12.7mm	.0001in	3/8in	2.0N or less	4-48 UNF Thread	

543-795	ID-S112PMX	-	.00005in 0.001mm	.5in 12.7mm	.0001in	5/16in	2.5N or less	M2.5x0.45 Thread
543-795B	ID-S112PMBX	-	.00005in 0.001mm	.5in 12.7mm	.0001in	5/16in	2.5N or less	M2.5x0.45 Thread
543-796	ID-S112PEX	-	.00005in 0.001mm	.5in 12.7mm	.0001in	3/8in	2.5N or less	4-48 UNF Thread
543-796B	ID-S112PEBX	-	.00005in 0.001mm	.5in 12.7mm	.0001in	3/8in	2.5N or less	4-48 UNF Thread

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Dimensions



Manual



Video

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