



## ABSOLUTE™

Absolute System Patented by MITUTOYO

### IDC Type Digimatic Indicator with Absolute Encoder

- Absolute Encoder ensures all settings and readings maintained for the life of the battery (even when the power is turned off).
- Preset, Zero-Set, inch/mm, +/- direction and GO/±NG functions.
- Face rotates 330° for use at various angles.
- English/Metric Indicator stem: .375" DIA.
- Metric Indicator Stem: 8mm DIA.
- Immune to overspeed error.
- SPC output provided
- Average battery life 5,000 hours using SR-44 battery (541980) provided standard
- Quantizing error: ±1 count
- Uses Mitutoyo Group 2 dial indicator mounting backs



IP 42

Order No.	Range	Resolution	Accuracy	List Price	Sale Price
543-250B*	0-12mm	0.001mm	0.003mm	\$368.00	<b>\$338.56</b>
543-270	0-12mm	0.01mm	0.02mm	\$268.00	<b>\$246.56</b>
543-270B*	0-12mm	0.01mm	0.02mm	\$268.00	<b>\$246.56</b>
543-252	0-.5"/0-12.7mm	.00005"/0.0001mm	.00012"/0.003mm	\$368.00	<b>\$338.56</b>
543-252B*	0-.5"/0-12.7mm	.00005"/0.0001mm	.00012"/0.003mm	\$368.00	<b>\$338.56</b>
543-253	0-.5"/0-12.7mm	.0001"/0.001mm	.00012"/0.003mm	\$368.00	<b>\$338.56</b>
543-253B*	0-.5"/0-12.7mm	.0001"/0.001mm	.00012"/0.003mm	\$368.00	<b>\$338.56</b>
543-272	0-.5"/0-12.7mm	.0005"/0.001mm	.0008"/0.02mm	\$268.00	<b>\$246.56</b>
543-272B*	0-.5"/0-12.7mm	.0005"/0.001mm	.0008"/0.02mm	\$268.00	<b>\$246.56</b>
543-452B*	0-1"/0-25mm	.00005"/0.001mm	.00012"/0.003mm	\$492.00	<b>\$452.64</b>
543-453B*	0-1"/0-25mm	.0001"/0.001mm	.00012"/0.003mm	\$492.00	<b>\$452.64</b>
543-456B*	0-1"/0-25mm	.0005"/0.01mm	.0012"/0.030mm	\$393.00	<b>\$361.56</b>
543-462B*	0-2"/0-50mm	.00005"/0.001mm	.00024"/0.006mm	\$618.00	<b>\$568.56</b>
543-463B*	0-2"/0-50mm	.0001"/0.001mm	.00024"/0.006mm	\$618.00	<b>\$568.56</b>
543-466B*	0-2"/0-50mm	.0005"/0.01mm	.0016"/0.040mm	\$517.00	<b>\$475.64</b>

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### IDC Signal Digimatic Indicators with Absolute Encoder Technology

A special version of the IDC Type Digimatic Indicator allows GO/±NG judgements via an open collector circuit to a Programmable Logic Controller (PLC).

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Order No.	Range	Resolution	Accuracy	List Price	Sale Price
543-282	0-.5"/0-12.7mm	.00005"/0.001mm	.00012"/0.003mm	\$491.00	<b>\$451.72</b>
543-282B*	0-.5"/0-12.7mm	.00005"/0.001mm	.00012"/0.003mm	\$491.00	<b>\$451.72</b>
543-283	0-.5"/0-12.7mm	.0001"/0.001mm	.00012"/0.003mm	\$491.00	<b>\$451.72</b>
543-283B*	0-.5"/0-12.7mm	.0001"/0.001mm	.00012"/0.003mm	\$491.00	<b>\$451.72</b>

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### Low Measuring Force IDC Digimatic Indicators

#### FEATURES

- The low measuring force indicators are specially designed for elastic workpieces such as plastic parts, foam, etc.
- SPC Output
- Stem diameter is 3/8"
- Steel ball contact point with #4-48UNF thread

Order No.	Range	Resolution	Accuracy	List Price	Sale Price
543-256	0-.5"/0-12.7mm	.00005"/0.001mm	.00012"/0.003mm	\$575.00	<b>\$529.00</b>
543-256B*	0-.5"/0-12.7mm	.00005"/0.001mm	.00012"/0.003mm	\$575.00	<b>\$529.00</b>
543-276	0-.5"/0-12.7mm	.0005"/0.01mm	.0008"/0.02mm	\$431.00	<b>\$396.52</b>
543-276B*	0-.5"/0-12.7mm	.0005"/0.01mm	.0008"/0.02mm	\$431.00	<b>\$396.52</b>

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