

Special-purpose Micrometers and Calipers

Small Tool Instruments
and Data Management




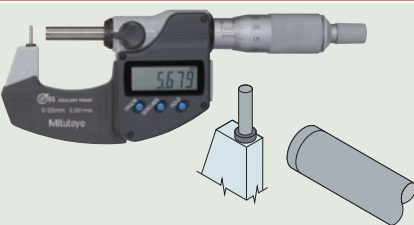


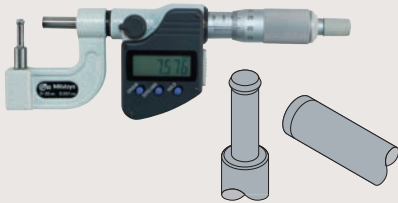


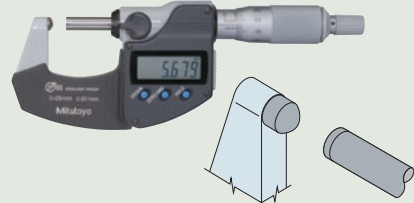


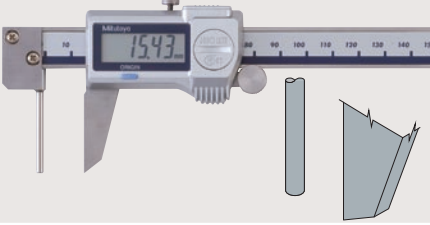

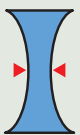
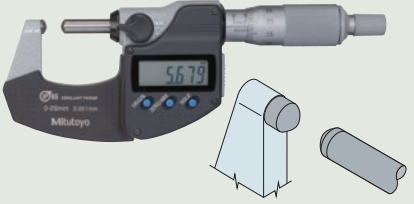

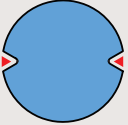
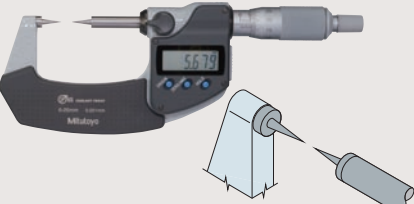
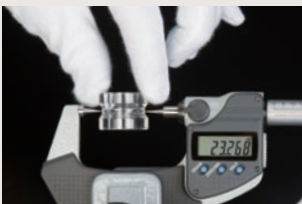
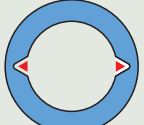
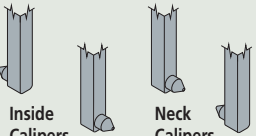

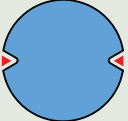
Mitutoyo Is Ready to Deliver the Best Possible Solution.

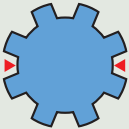
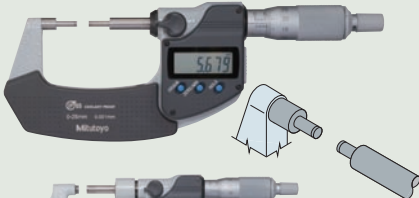


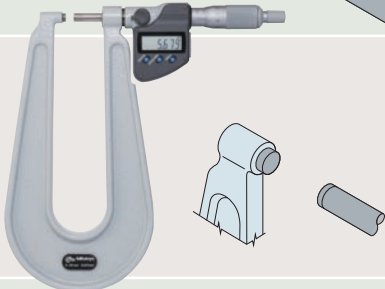
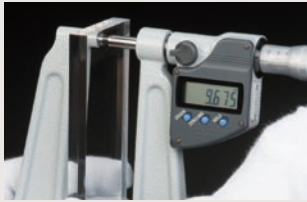

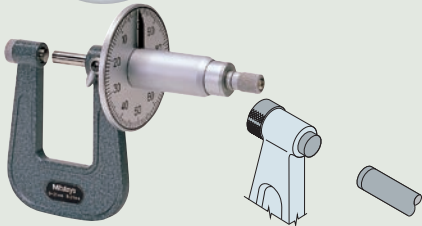

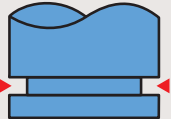
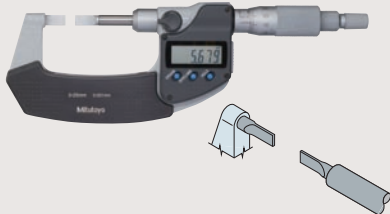

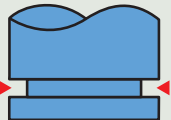
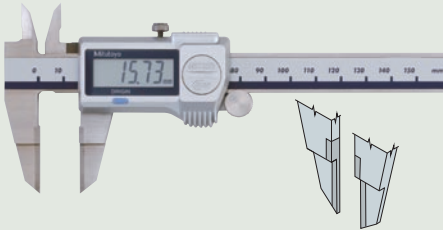


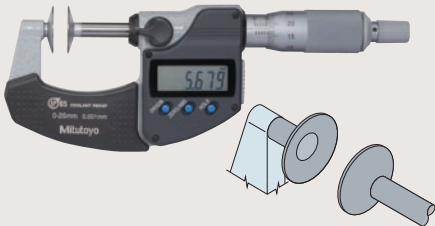


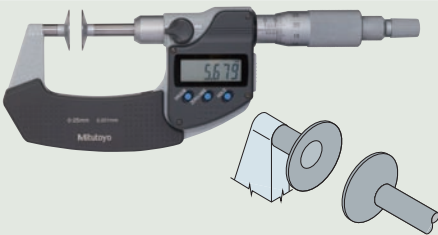





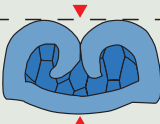


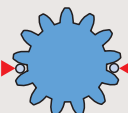


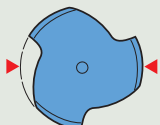

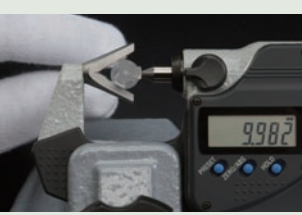
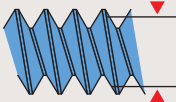
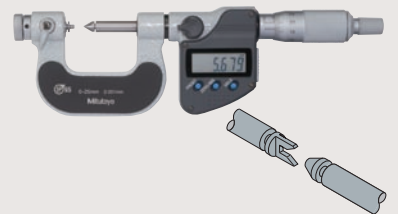


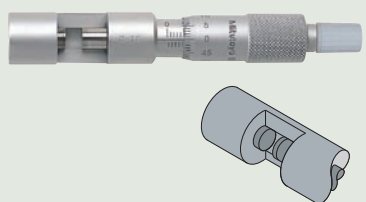

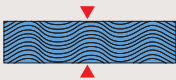
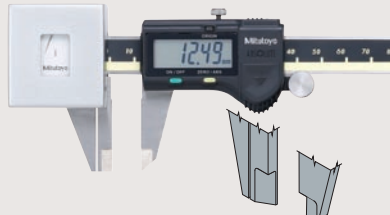


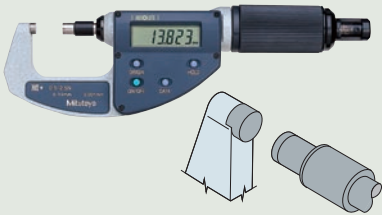

In addition to standard measuring tools, many special-purpose tools are available. Whenever you face the problem of how to measure something, first consult Mitutoyo. You're bound to find a solution.

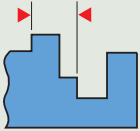
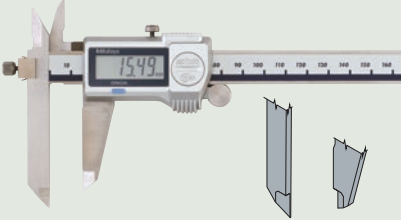

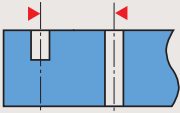
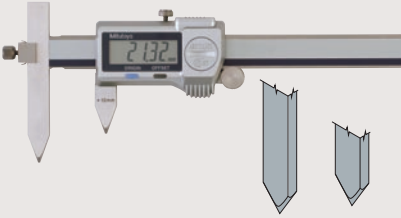

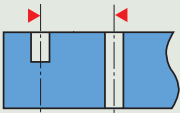
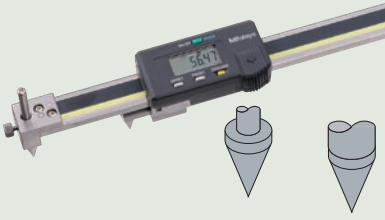
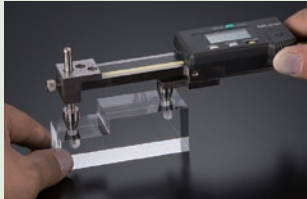
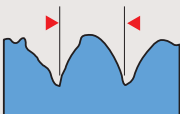
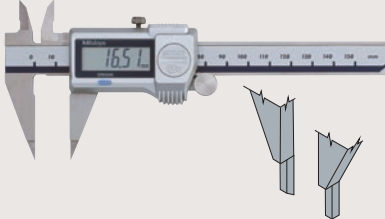

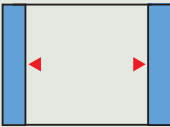
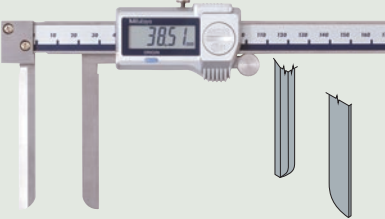

Special-purpose Micrometers and Calipers

Application	Instrument	Measurement-surface form	Measurement example
	<p>Series 395, 115, 295 Tube Micrometers (Spherical and Cylindrical Anvil Type) Fine tube thickness</p>		
	<p>Series 395, 115 Tube Micrometers (Spherical and Cylindrical Anvil Type) Pipe thickness</p>		
	<p>Series 395, 115, 295 Tube Micrometers Pipe thickness</p>		
	<p>Series 573, 536 Tube Thickness Calipers Pipe thickness</p>		
	<p>Series 395, 115, 295 Tube Micrometers (Spherical Anvil and Spindle Type) Web thickness</p>		
	<p>Series 342, 112, 142 Point Micrometers Narrow groove diameter</p>		
	<p>Series 573, 536 Inside Calipers (Point Jaw Type) Narrow groove diameter</p>	<p>573-646</p>  <p>Inside Calipers Neck Calipers</p>	
	<p>Neck Calipers (Point Jaw Type) Narrow groove diameter</p>		

Application	Instrument	Measurement-surface form	Measurement example
	<p>Series 331, 111, 131 Spline Micrometers Spline diameter</p>		
	<p>Series 389, 118 Sheet Metal Micrometers Sheet metal thickness</p>		
	<p>Series 119 Sheet Metal Micrometers Sheet metal thickness</p>		
	<p>Series 422, 122 Blade Micrometers (Non-Rotating Spindle Type) Narrow groove diameter</p>		
	<p>Series 573, 536 Blade Type Calipers Narrow groove diameter</p>		
	<p>Series 323, 123, 223 Disk Micrometers Root tangent length</p>		
	<p>Series 369, 227, 169 Disk Micrometers (Non-Rotating Spindle Type) Root tangent length</p>		

Special-purpose Micrometers and Calipers

Application	Instrument	Measurement-surface form	Measurement example
	<p>Series 342, 112, 142 Crimp Height Micrometers Peak height of crimped contact</p>		
	<p>Series 324, 124 Gear Tooth Micrometers Over-pin diameter of spur gear</p>		
	<p>Series 314, 114 V-Anvil Micrometers OD of 3- or 5-flute cutting tools</p>		
	<p>Series 326, 126 Screw Thread Micrometers Pitch diameter</p>		
	<p>Series 147 Wire Micrometers Wire diameter</p>		
	<p>Series 573 Low Force Calipers Soft parts difficult to measure due to deformation</p>		
	<p>Series 227 Digimatic Micrometers with Adjustable Measuring Force Adaptable to suit soft or hard materials</p>		

Application	Instrument	Measurement-surface form	Measurement example
	<p>Series 573, 536 Offset Calipers Stepped-part dimensions</p>		
	<p>Series 573, 536 Offset Centerline Calipers Center-to-center distance of holes</p>		
	<p>Series 573 Centerline Calipers (Back-Jaw Type) Center-to-center distance of holes</p>		
	<p>Series 573, 536 Point Calipers Random point-to-point dimensions</p>		
	<p>Series 573, 536 Inside Calipers Inside diameter or width</p>		

Coordinate Measuring Machines



Vision Measuring Systems



Form Measurement



Optical Measuring



Sensor Systems

Test Equipment
and Seismometers

Digital Scale and DRO Systems

Small Tool Instruments
and Data Management

Whatever your challenges are, Mitutoyo supports you from start to finish.

Mitutoyo is not only a manufacturer of top quality measuring products but one that also offers qualified support for the lifetime of the equipment, backed up by comprehensive services that ensure your staff can make the very best use of the investment.

Apart from the basics of calibration and repair, Mitutoyo offers product and metrology training, as well as IT support for the sophisticated software used in modern measuring technology. We can also design, build, test and deliver bespoke measuring solutions and even, if deemed cost-effective, take your critical measurement challenges in-house on a sub-contract basis.



**Find additional product literature
and our product catalogue**

<http://www.mitutoyo.co.jp/global.html>

Our products are classified as regulated items under Japanese Foreign Exchange and Foreign Trade Law. Please consult us in advance if you wish to export our products to any other country.

If the purchased product is exported, even though it is not a regulated item (Catch-All controls item), the customer service available for that product may be affected. If you have any questions, please consult your local Mitutoyo sales office.

Note: Product illustrations are without obligation. Product descriptions, in particular any and all technical specifications, are only binding when explicitly agreed upon.

MITUTOYO and MICAT are either registered trademarks or trademarks of Mitutoyo Corp. in Japan and/or other countries/regions. Other product, company and brand names mentioned herein are for identification purposes only and may be the trademarks of their respective holders.

Mitutoyo

Mitutoyo Corporation

20-1, Sakado 1-Chome,
Takatsu-ku, Kawasaki-shi,
Kanagawa 213-8533, Japan
T +81 (0) 44 813-8230
F +81 (0) 44 813-8231
<http://www.mitutoyo.co.jp>