



- B-21, Bhan Nagar, Queens Road, Jaipur-302021
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## Digital Micrometers



TM

### Specification Chart

Product	Description	Technical Detail																												
Digital Micrometers	“INSIZE” DIGITAL MICROMETER” such as Non-Rotating Spindle Digital Micrometer, Digital Outside Micrometer (with data output), Metric Outside Micrometers (without data output) etc.	<p><b>A. Non-rotating Spindle Digital Micrometer;</b></p> <ul style="list-style-type: none"> <li>• <b>Features</b> <ul style="list-style-type: none"> <li>➤ Resolution: 0.001mm/0.00005”</li> <li>➤ Repeatability: 1µm</li> <li>➤ Measuring Force: 5-10N</li> <li>➤ Non-rotating spindle, suitable for cylinders</li> <li>➤ Lever device suitable for Mass production.</li> <li>➤ Quick Measurement: One turn of sleeve or ratchet stop make 1mm spindle feed.</li> <li>➤ Carbide measuring faces</li> <li>➤ Ratchet Stop</li> <li>➤ Data output.</li> <li>➤ Button function: mm/inch, max/min, value, tracking, tolerance measurement, hold, on/off, zero.</li> <li>➤ Battery: CR2032.</li> <li>➤ Automatic Power-off.</li> <li>➤ Supplied with setting standards (except 0-25mm/0-1”).</li> </ul> </li> <li>• <b>Technical Detail;</b> <table border="1"> <thead> <tr> <th>Code</th> <th>Range</th> <th>Accuracy</th> <th>Length (mm)</th> </tr> </thead> <tbody> <tr> <td>3631-25</td> <td>0-25mm/0-1”</td> <td>±2µm</td> <td>34</td> </tr> <tr> <td>3631-50</td> <td>25-50mm/1/2”</td> <td>±2µm</td> <td>59</td> </tr> <tr> <td>3631-75</td> <td>50-75mm/2/3”</td> <td>±3µm</td> <td>84</td> </tr> <tr> <td>3631-100</td> <td>75-100mm/3/4”</td> <td>±3µm</td> <td>109</td> </tr> <tr> <td>3631-125</td> <td>100-125mm/4-5”</td> <td>±3µm</td> <td>134</td> </tr> <tr> <td>3631-100</td> <td>125-150mm/5-6”</td> <td>±3µm</td> <td>160</td> </tr> </tbody> </table> </li> </ul>	Code	Range	Accuracy	Length (mm)	3631-25	0-25mm/0-1”	±2µm	34	3631-50	25-50mm/1/2”	±2µm	59	3631-75	50-75mm/2/3”	±3µm	84	3631-100	75-100mm/3/4”	±3µm	109	3631-125	100-125mm/4-5”	±3µm	134	3631-100	125-150mm/5-6”	±3µm	160
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## B. Digital Outside Micrometer (with data output);

### • Features

- IP65 dust/waterproof
- Button function: on/off, set, mm/inch, ABS/INC
- Data output.
- Battery: LR44, automatic power-off.
- Carbide measuring faces.
- Supply with spherical anvil.
- Setting standards are included (except 0-25mm/0-1")
- Optional Accessories: Data/ output Cable.

### • Technical Detail;

#### a) Metric/ imperial type (ratchet stop)

Code	Range	Accuracy	Length(mm)
3101-25A	0-25mm/0-1"	±2µm	34.5
3101-50A	25-50mm/1/2"	±2µm	59.5
3101-75A	50-75mm/2/3"	±3µm	84.5
3101-100A	75-100mm/3/4"	±3µm	109.5
3101-125A	100-125mm/4-5"	±3µm	135
3101-150A	125-150mm/5-6"	±3µm	160.5
3101-175A	150-175mm/6-7"	±4µm	186
3101-200A	175-200mm/7-8"	±4µm	211.5
3101-225A	200-225mm/8-9"	±4µm	236
3101-250A	225-250mm/9-10"	±4µm	261.5
3101-275A	250-275mm/10-11"	±5µm	287
3101-300A	275-300mm/11-12"	±5µm	312.5

#### b) Metric/ imperial type (friction thimble)

Code	Range	Accuracy	Length(mm)
3101-25FA	0-25mm/0-1"	±2µm	34.5

#### c) Metric (ratchet stop)

Code	Range	Accuracy	Length(mm)
3101-25AJ	0-25mm	±2µm	34.5
3101-50AJ	25-50mm	±2µm	59.5
3101-75AJ	50-75mm	±3µm	84.5
3101-100AJ	75-100mm	±3µm	109.5



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### C. Digital Outside Micrometer (without data output);

- Resolution: 0.001mm/0.00005"
- IP65 dust/waterproof
- Button function: on/off, set, mm/inch, ABS/INC
- No Data output.
- Battery: LR44, automatic power-off.
- Carbide measuring faces.
- Supply with spherical anvil.
- Setting standards are included (except 0-25mm/0-1")

#### • Technical Detail:

##### a) Ratchet Stop Type

Code	Range	Accuracy	Length(mm)
3108-25A	0-25mm/0-1"	±2μm	34.5
3108-50A	25-50mm/1/2"	±2μm	59.5
3108-75A	50-75mm/2/3"	±3μm	84.5
3108-100A	75-100mm/3/4"	±3μm	109.5
3108-125A	100-125mm/4-5"	±3μm	135
3108-150A	125-150mm/5-6"	±3μm	160.5
3108-175A	150-175mm/6-7"	±4μm	186
3108-200A	175-200mm/7-8"	±4μm	211.5

##### b) Friction thimble type

Code	Range	Accuracy	Length(mm)
3108-25FA	0-25mm/0-1"	±2μm	34.5

##### c) Set (Ratchet Stop type)

Code	Range	Micrometer Included	Length(mm)
3108-753A	0-75mm/0-3"	3108-25A, 3108-50A, 3108-75A	34.5
3108-1004A	0-100mm/4"	3108-25A, 3108-50A, 3108-75A, 3108-100A	59.5
3108-1506A	0-150mm/6"	3108-25A, 3108-50A, 3108-75A, 3108-100A, 3108-125A, 3108-150A	84.5