



# PRECISION/ ELECTRONIC MEASURING TOOLS



## CALIPERS

- All JET calipers feature Stainless Steel construction for professional use

### LCD Digital Calipers

- Four measurements – inside, outside, depth, step
- Extra large LCD screen is easier to read
- Professional quality hardened stainless steel construction
- Precision ground measuring surfaces
- With data output interface
- Fine adjustment thumb wheel
- Comes with high impact plastic storage case



310131

PROD. NO.	MOD. NO.	Type	Range	Increments
310131	JEDC-6	Electronic	<b>0-6"</b> (150 mm)	0.0005"/0.01 mm
310132	JEDC-8	Electronic	<b>0-8"</b> (200 mm)	0.0005"/0.01 mm
310136	JEDC-12	Electronic	<b>0-12"</b> (300 mm)	0.0005"/0.01 mm



310133

#### Four button control panel:

- power on/off switch (ON/OFF)
- zero setting at any position (ZERO)
- data hold function (HOLD)
- instant SAE / Metric conversion (MM/IN)

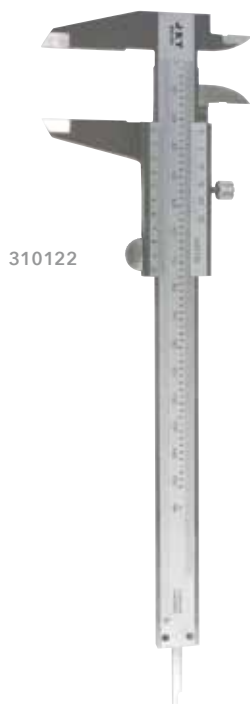
### LCD Digital Calipers - Fractional

310133 /JEDC-6F

- Unique LCD can display measurements in Metric, SAE and fractional formats
- Easily converts measurements with the touch of a button
- Four measurements - inside, outside, depth, step
- Professional quality hardened stainless steel construction
- Precision ground measuring faces
- Auto power off
- Fine adjustment thumbwheel



Type	Range	Increments
Electronic	<b>0-6"</b> (150 mm)	0.0005" / 0.01 mm / 1/64"



310122

### Vernier Calipers

310122 /JVC-6

- Professional quality hardened stainless steel construction
- Four measurements – inside, outside, depth, step
- SAE scale
- Permanent abrasion resistant graduations
- Satin chrome finish
- Fine adjustment thumb wheel
- Screw lock mechanism

Type	Range	Increments
Vernier	<b>0-6"</b> (150 mm)	0.001"

## Dial Indicator

310502 / JDI-1

- Knurled bezel rotates 360°
- Stainless steel rack and contact points
- Includes revolution counter
- Back lug of indicator can be swiveled 90° for easy clamping
- Easy to read white face dial
- Range 0 – 1", increments 0.001"
- Range per revolution 0.1"

Type	Range	Increments
Dial	0 - 1" (25 mm)	0.001"

## LCD Digital Indicator

310501 / JEDI-1

- Large LCD display for easy reading
- Stainless steel rack and contact points
- With data output interface
- Automatic power off

Type	Range	Increments
Digital	0 - 1" (25 mm)	0.0005"/0.01mm



### 3 button control panel:

- zero setting at any position
- instant inch / metric conversion
- data hold / max-min tracking / fast display

# MAGNETIC BASES

## Standard Style

310902 / JMB-1

- Rod and swivel style
- On / Off switch to release magnet
- Powerful magnet holds base firmly to metal host
- 3 dimensional central locking mechanism
- Complete with fine adjustment
- Can be used with most makes of dial indicators

## Flexible Style

310903 / JFMB-12

- 12" flexible arm holds dial indicator firmly in any position
- On / Off switch to release magnet
- Powerful magnet holds base firmly to metal host
- Stem flexes almost 360°

## Quick Set Style

310905 / JMB-2

- Fine adjustment screw controls all 3 joints for fast set up
- On / Off switch to release magnet
- Powerful magnet holds base firmly to metal host





310206

**Five button control panel:**

- power on/off switch (ON/OFF)
- zero setting at any position (SET)
- instant SAE / Metric conversion (MM/IN)
- clock mode / data output
- absolute / incremental measurement (ABS/INC)



310210



310212



310223

## MICROMETERS

### LCD Digital Outside Micrometer

310206 / JEOM-1

- Large LCD display for easy reading
  - Precision machined carbide tipped measuring faces
  - Precision friction thimble for one hand operation
  - IP54 moisture resistant construction
  - Satin chrome finish – professional quality construction
  - 0 - 1" / 25mm range
  - 0.00005" / 0.001 mm increments
  - Comes with high impact custom plastic storage case
- Five button control panel:  
power on/off switch (ON/OFF), zero setting at any position (SET), instant SAE / Metric conversion (MM/IN), clock mode / data output, absolute / incremental measurement (ABS/INC)

### 3 OC Outside Micrometer Set

310210 / JOM-3S

- Precision machined carbide tipped measuring faces
- Precision ground and hardened one piece spindles
- Ratcheting friction stop provides uniform pressure
- Convenient lock holds spindle securely when transferring measurements
- 0.0001" increments
- Range: **0-3"**
- Contains 1 each of our **0 - 1"**, **1" - 2"**, and **2" - 3"** outside micrometers in a convenient custom made high impact plastic case
- Includes standards for both 1" - 2" and 2" - 3" models

### Outside Micrometers - Open Stock

PROD. NO.	MOD. NO.	Type	Range	Increments
310211	JOM-1	Mechanical	<b>0 - 1"</b>	0.0001"
310212	JOM-2	Mechanical	<b>1 - 2"</b>	0.0001"
310213	JOM-3	Mechanical	<b>2 - 3"</b>	0.0001"

### Depth Micrometer - Mechanical (0-6")

310223 / JDM-6

- Interchangeable extension rods feature precision lapped ends
- Ratcheting friction stop provides uniform pressure
- 4" precision ground hardened base
- 0.001" increments
- Satin chrome finish – professional quality construction
- Comes with high impact custom plastic storage case

Type	Range	Increments	Base Width
Mechanical	<b>0 - 6"</b>	0.001"	4"

**Dial Bore (Cylinder) Gauge**

310511 /JBG-6

- Used to measure the internal dimensions of work pieces such as cylinders, piping, tubing, etc.
- Allows cylinder wear measurements without removing pistons
- Unique guiding device that facilitates self centering
- Interchangeable extension anvils allow unit to measure a wide range of dimensions: SAE 2" - 6"
- Extremely accurate
- Measures bores up to 6" deep
- Easy to read white face dial
- Comes with high impact custom plastic storage case

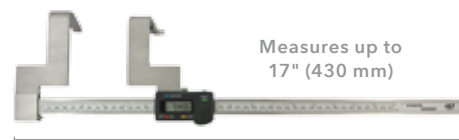
Measuring Range	Maximum Depth	Number of Anvils	Increments
2" - 6"	6"	11	0.0005"



310511



- Four button control panel:**
- power on / off switch (ON/OFF)
  - zero setting at any position (SET)
  - instant SAE / Metric conversion (MM/IN)
  - data hold function (HOLD)



- Four button control panel:**
- power on / off switch (ON/OFF)
  - zero setting at any position (SET)
  - instant SAE / Metric conversion (MM/IN)
  - data hold

## BRAKE AND ROTOR TOOLS

- All JET Brake and Rotor tools feature stainless steel construction for professional use

### LCD Digital Disc Brake (Rotor) Caliper

310602 /JERG-1

- The ideal way to measure disc brake rotor thickness
- Both anvils are pointed to measure score depths
- With data output interface
- 0.0005" / 0.01 mm increments
- Comes with custom plastic case
- Range: **0 - 5"** (0 - 125 mm)
- Increments: 0.0005" / 0.01 mm

### LCD Digital Drum Caliper

310604 /JEDG-1

- The ideal method to measure wear on brake drums
- 0 - 20" (500 mm) range
- With data output interface
- 0.0005" / 0.01 mm increments
- Comes with custom wood case
- Range: **0 - 20"** (0 - 500 mm)
- Increments: 0.0005" / 0.01 mm

### LCD Digital Rotor Caliper (Wheel Stays On)

310603 /JERG-1WO

- For measuring disc brake rotor thickness without taking off the wheels
- Saves time and effort, increasing productivity
- All other features same as electronic rotor gauge (**310602**)
- 0 - 100 mm range
- Range: **0 - 4"** (0 - 100 mm)
- Increments: 0.0005" / 0.01 mm

### LCD Digital Drum Caliper (Wheel Stays On)

310605 /JEDG-1WO

- For measuring wear on brake drums without taking the wheels off
- Saves time and effort, increasing productivity
- 0 - 17", 0 - 430 mm range
- 0.0005" / 0.01 mm increments
- Comes with custom wood case
- Range: **0 - 17"** (0 - 430 mm)
- Increments: 0.0005" / 0.01 mm

# THERMOMETERS



If you are in the trades, we have the quality and performance you need to get the job done right.

## Non-Contact Infrared

- Allows accurate measurement of temperature without contact
- Gives instant readouts in real time
- Ideal for use in inaccessible areas and where moving parts or high heat make contact measurement dangerous
- Thousands of uses including automotive applications, food and beverage industries, chemical industries, cement plants, road building, HVAC, pool maintenance, etc.

PROD. NO. MOD. NO.	310016 JIRT-450	310018 JIRT-750
Display	3-1/2 digit (1999 count) LCD with back lighting	3-1/2 digit (1999 count) LCD with back lighting
Measuring Range	<b>-20°C to 450°C</b> <b>-4°F to 842°F</b>	<b>-50°C to 750°C</b> <b>-58°F to 1,382°F</b>
Increments	1°C / °F	0.1°C / °F up to 200°C / °F 1°C / °F over 200°C / °F
Accuracy	+/- 2°C or 2% of reading	+/- 2°C or 1.5% of reading
Operating Temperature	0°C to 50°C / 32°F to 122°F	0°C to 50°C / 32°F to 122°F
Response Time	1 sec app.	1 sec app.
Field of View (Distance : Spot Size)	8:01	12:01
Spectral Response	6 - 14µm	8 - 14µm
Emissivity	0.95 fixed	0.95 fixed
Relative Humidity (Operating)	Max. 80%	10% - 90%
Over Range Indication	LCD will show "OVER" and meter will beep	LCD will show "1"
Power Off	Automatic shut-off after 7 sec.	Automatic shut-off after 7 sec.
Power Supply	9V battery	9V battery
Weight	180 gram	290 gram
Size	159 x 79 x 57.2 mm	100 x 56 x 230 mm



310018



310016



310006



310008

## MULTIMETERS - DIGITAL

- Versatile meters for a wide range of electrical tests
- Features auto shut-off, large LCD display, low battery indicator, overload protection
- TPR shroud protects meter
- Can be used with clamp on adapter for expanded versatility
- Includes test leads, K-type thermo-coupler and 9V battery

### Multimeter

- Designed to safety standard IEC-1010; CAT II 600V

<b>PROD. NO.</b>	310006
<b>MOD. NO.</b>	JDMM-200
<b>Application</b>	AC/DC current AC/DC voltage resistance capacitance frequency temperature diode check transistor hFE
<b>AC Current</b>	20u-20m-200m-20A
<b>DC Current</b>	20m-200m-20A
<b>AC Voltage</b>	20-200-750V
<b>DC Voltage</b>	200m-2-20-200-1000V
<b>Resistance</b>	200-2k-20k-200k-2M-20M-200M ohms
<b>Frequency</b>	2k-20kHz
<b>Diode Check</b>	2.8V/1mA
<b>Capacitance</b>	2n-20n-200n-2u-20uF
<b>Temperature</b>	-40°C - 1000°C
<b>hFE</b>	Vce ~3V; 1b ~ 10Ua

### Multimeter - Auto Ranging

- Automatically sets correct range when test function is selected
- Mechanically prevents incorrect connection of test leads
- Data hold function
- Designed to safety standard EN61010-1; CAT II 600V

<b>PROD. NO.</b>	310008
<b>MOD. NO.</b>	JDMM-300
<b>Application</b>	AC/DC current AC/DC voltage resistance capacitance frequency temperature diode check duty cycle continuity check
<b>AC Current</b>	400u-4000u-40m-400m-4A-20A
<b>DC Current</b>	400u-4000u-40m-400m-4A-20A
<b>AC Voltage</b>	400mV-4V-40V-400V-750V
<b>DC Voltage</b>	400mV-4V-40V-400V-1000V
<b>Resistance</b>	200-4k-40k-400k-4M-40M ohms
<b>Frequency</b>	9.999Hz - 9.999MHz
<b>Diode Check</b>	Test current of 0.3mA, open circuit voltage of 1.5V
<b>Duty Cycle</b>	0.1% - 99.9%
<b>Continuity Check</b>	Threshold 30 ohms, continuity beeper 2.7 kHz
<b>Capacitance</b>	40nF-400nF-4uF-40uF-100uF
<b>Temperature</b>	-20°C - 760°C



**Automotive Multimeter** H3630

- Full-range - performs complete tune-up and troubleshooting tests on all vehicles
- Includes tests such as tach and dwell, test fuel injectors, sensors, alternators, spark plug wires, ignition and charging systems, battery condition and cranking voltage
- Easy-to-read digital LCD
- Data hold function
- Computer safe



**Clamp Meter**

- Takes measurements directly through clamp or with test leads
- Designed to safety standard IEC - 1010; CAT II 600V
- Includes zipper case, test leads and 9 volt battery

<b>PROD. NO.</b>	310022
<b>MOD. NO.</b>	JDCM-2
<b>Application</b>	AC/DC current AC/DC voltage resistance frequency
<b>AC Current</b>	4A - 1000A
<b>DC Current</b>	4A - 1000A
<b>AC Voltage</b>	750V
<b>DC Voltage</b>	1000V
<b>Resistance</b>	200 kOhms
<b>Frequency</b>	2kHz



**Voltage Detector** 310041 / JVD-600

- Non-contact detection of AC voltage from 100V to 600V
- Suitable for testing outlets or against cable insulation
- Flashing red LED and audible beep indicate voltage
- Built in LED flashlight and pocket clip
- Designed to safety standard CATIII 1,000V
- Always test on known live circuit before use

