



(ESTD. 1962)

# MEHTA DOSHI & CO.,



# 144 (New # 299) Thambu Chetty Street, P.B. 1558, 1st Floor, Near Highcourt, Chennai - 600 001.  
Telefax : 044-2534 1892, 2533 2519, Phone : 6542 4041, 2534 1892, 2533 2519  
E-mail : mehtadoshi@vsnl.com; mehtadoshi@gmail.com GRAMS : MITUTOYO

**FOR MORE DETAILS SMS MEHTA TO 52424**

**YOUR ONE-STOP-SHOP**

## Welding Gauges

<p><b>Bridge Cam Gage (W-1)</b> The following measurements are possible in either inches or millimeters Angles of preparation, 00 to 600 Excess Weld metal (Capping size) Depth of Undercut, Depth of Pitting Fillet Weld Throat size, Fillet Weld Length Misalignment (High-Low)</p>	<p><b>Economy Single Purpose Hi-Lo Welding Gage (W-7)</b> Available in Standard or metric (Specify when ordering), Root weld space, Eliminate Rejects - Improves Productivity, Internal Misalignment</p>
<p><b>Automatic Weld Size Weld Gage (W-2)</b> for accurate Calibration of Butt Fillet Type Welds Check Reinforcement Check the Throat of Fillet Weld Determine the Leg size of the Fillet Weld</p>	<p><b>Hi-Lo Welding Gage (W-8)</b> Measures internal alignment of pipe after fit up /alignment, cuts radiographic rejects Measures internal misalignment of pipe before and after tracking Measurements read in standard on one side and metric on the opposite side.</p>
<p><b>Adjustable Fillet Weld Gage (W-3)</b> Unequal leg measurement feature Measure Fillet Weld Measure Weld Throat Thickness</p>	<p><b>WTPS Gage (W-9)</b> Measure Undercut 0.010 Deep Undercut shall be no more than 0.010 in. (0.25 mm) deep when the weld is transverse to the primary stress in the part that is undercut</p>
<p><b>Digital Welding Gage (W-4)</b> Holds either the zero setting or measured value at any position for differential measurements Automatically turns on by moving the main scale or by pressing ON/OFF key. Automatically turns off after 4 minutes of inactivity conserving battery power.</p>	<p><b>7 Piece Fillet Weld Set (W-10)</b> Checking Fillet Leg size Checking Fillet Throat size Stainless Steel</p>
<p><b>Pipe Pit Gage (W-5)</b> The Pipe Pit Gage will give long life in the field or factory. Range is 0 to 1/2" in 1/64" &amp; 0.020 Increments Arm Can be locked in place at any dimension All stainless steel. Gage will fit in shirt pocket &amp; Comes in pocket protector. Has Handy formula or Front. Decimal Equivalents on Back</p>	<p><b>Skew - T Fillet Weld Gage (W-11)</b> Use for : Checking Angle of Vertical Member Checking Weld Acute Side Checking Weld Obtuse Side Calculator A handy compilation of mathematical relationships between leg length, throats, skew angles and inspection dimensions. A must for designers and inspectors.</p>
<p><b>Fillet Weld Keys (W-6)</b> Set Comes with Handy Key Chain &amp; Pocket Pouch 11 Different sizes in Standard with metric equivalent Marking - 1/8" to 1" Use for : Checking Weld Leg size Checking Throat Dimension Checking Weld Dimension of Skewed Member</p>	<p><b>V-Wac Gage (W-12)</b> Checks Undercut, Checks Crown Height, Checks Porosity, Checks Pits All Stainless Steel</p>



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Sling Type Hygrometer



Digital Thermo-Hygrometer



Digital Thermometer



Non-contact Thermometers



Kean Tator Surface Profile Disks



Holiday Detector



Pinhole Detector



Viscosity Cups



SSPC Visual Standards



Wet film Combs



Testex Tapes



Micrometer for Checking Testex Tape



Surface Profile Gauge Dial Type



Cross Cut Tester (Paint adhesive tester)



Ultrasonic Thickness Gauge



Coating thickness Gauges



Surface Roughness comparators



Portable Surface roughness testers



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## Welding Gauges



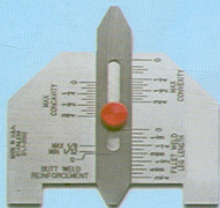
### Bridge Cam Gauge (W-1)

The following measurements are possible in either inches or millimeters  
Angles of preparation, 00 to 600  
Excess Weld metal (Capping size)  
Depth of Undercut, Depth of Pitting  
Fillet Weld Throat size, Fillet Weld Length  
Misalignment (High-Low)



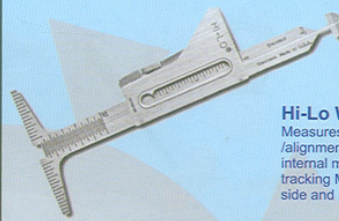
### Economy Single Purpose Hi-Lo Welding Gauge (W-7)

Available in Standard or metric (Specify when ordering), Root weld space, Eliminate Rejects - Improves Productivity, Internal Misalignment



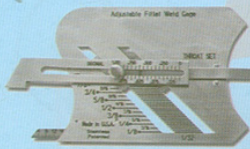
### Automatic Weld Size Weld Gauge (W-2)

for accurate Calibration of Butt Fillet Type Welds  
Check Reinforcement  
Check the Throat of Fillet Weld  
Determine the Leg size of the Fillet Weld



### Hi-Lo Welding Gauge (W-8)

Measures internal alignment of pipe after fit up /alignment, cuts radiographic rejects Measures internal misalignment of pipe before and after tracking Measurements read in standard on one side and metric on the opposite side.



### Adjustable Fillet Weld Gauge (W-3)

Unequal leg measurement feature  
Measure Fillet Weld  
Measure Weld Throat Thickness



### WTPS Gauge (W-9)

Measure Undercut 0.010 Deep  
Undercut shall be no more than 0.010 in. (0.25 mm) deep when the weld is transverse to the primary stress in the part that is undercut



### Digital Welding Gauge (W-4)

Holds either the zero setting or measured value at any position for differential measurements  
Automatically turns on by moving the main scale or by pressing ON/OFF key.  
Automatically turns off after 4 minutes of inactivity conserving battery power.



### 7 Piece Fillet Weld Set (W-10)

Checking Fillet Leg size  
Checking Fillet Throat size  
Stainless Steel



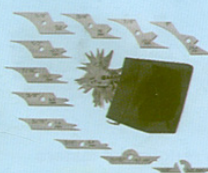
### Pipe Pit Gauge (W-5)

The Pipe Pit Gauge will give long life in the field or factory.  
Range is 0 to 1/2" in 1/64" & 0.020 Increments  
Arm Can be locked in place at any dimension  
All stainless steel. Gauge will fit in shirt pocket & Comes in pocket protector. Has Handy formula or Front Decimal Equivalents on Back



### Skew - T Fillet Weld Gauge (W-11)

Use for : Checking Angle of Vertical Member  
Checking Weld Acute Side  
Checking Fillet Throat Side  
Calculator  
A handy compilation of mathematical relationships between leg length, throats, skew angles and inspection dimensions. A must for designers and inspectors.



### Fillet Weld Keys (W-6)

Set Comes with Handy Key Chain & Pocket Pouch  
11 Different sizes in Standard with metric equivalent Marking - 1/8" to 1"  
Use for : Checking Weld Leg size  
Checking Throat Dimension  
Checking Weld Dimension of Skewed Member



### V-Wac Gauge (W-12)

Checks Undercut, Checks Crown Height, Checks Porosity, Checks Pits  
All Stainless Steel



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Digital Thermo-Hygrometer



Digital Thermometer



Non-contact Thermometers



Kean Tator Surface Profile Disks



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Pinhole Detector



Viscosity Cups



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Wet film Combs



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Micrometer for Checking Testex Tape



Surface Profile Gauge Dial Type



Cross Cut Tester (Paint adhesive tester)



Ultrasonic Thickness Gauge



Coating thickness Gauges



Surface Roughness comparators



Portable Surface roughness testers



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## OUR WIDE RANGE OF PRODUCTS

### TORQUE AND FORCE TESTING EQUIPMENT



### ACCESSORIES



# CUTTING TOOLS



End Mills



Ground Thread Taps



Miscellaneous



Reamers



Thread Cutting Tools



Twist Drills

# GARDEN TOOLS



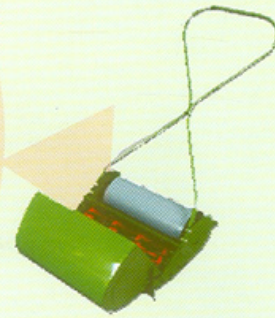
Electric-Lawn-Mowers



Power-Mowers



Lawn-Mower



Roller-Type-Lawn-Mowers



Hedge-Trimmers



Chain-Saws



High-Pressure-Washers



Grass-Trimmers



Lawn-Sprinklers



Garden-Tools



Secateurs



Shears





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# MACHINE TOOLS AND ACCESSORIES



Angle-Plates



Magnetic-Lifters



Bench-Centres



bench-vice



Boring-Heads



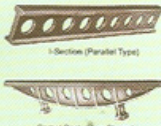
box-angle-plates



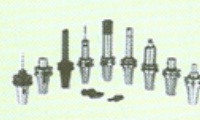
Engineers-Squares



Ball-Blocks



cast-iron-straight-edges



CNC-Tool-holders-&-Chucks



Compound-Sliding-Table



demagnetiser



Comparator-Stands



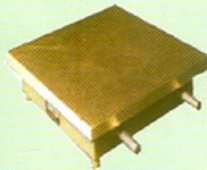
Dog-Chucks



Drill-Sleeves



Drill-Vices



C.I-Surface-Plates



Granite\_surface\_plates



Keyless-Chucks



Live-Centres



machine-vices



magnetic\_sine\_bar



Magnetic-Chucks



woodworking-vices



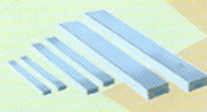
Magnetic-Square-Blocks



Magnetic-Stands



permanent\_magnetic\_sweeper



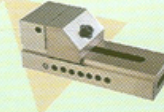
Parallel-Blocks



Magnetic-V-Blocks



precision-machine-vices



Precision-Vices



Quick-Change-Tapping-Chucks



Roller-V-Blocks



Rotary-Milling-Table



self\_opening\_die\_head



Self-Centering-Chucks



Sine-Tables



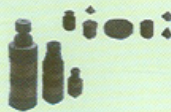
Sine-Vice



Steel-V-Blocks



Steel-V-Blocks



Support-Jacks



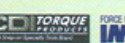
Surface-Gauges



tapping\_attachment



Unigrip-Vice



# HAND TOOLS & TOOL STORAGE



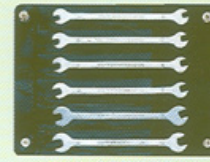
Combination-Spanners



Circlip-Pliers



Chain-Wrenches



Open-End-Spanners



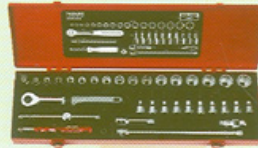
Pipe-Wrenches



ratchet-spanners



Pliers



Socket-sets



Hacksaw-Frame



Tool-storage



Hammers



Wrenches

# PNEUMATIC TOOLS



Air-Die-Grinders



Air-Drills



Air-Grinders



Air-Hammers



Air-Pencil-Grinders



Air-Polishers



Air-Ratchets



Air-Sanders



Air-Saws



Angle-Die-Grinders



Cut-Off-Tools



Impact-Wrench

# PORTABLE ELECTRIC POWER TOOLS



Angle-Grinders-&Metal working tools



Drills-&ImpactDrills



Screwdrivers-&ImpactWrench



Mult-Tool-Kits



Cordless-Tools



Rotary-Hammers-&Demolition



Sanders-&-Planers



Saws



Engraver







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## TIME TESTING INSTRUMENTS



### PORTABLE HARDNESS TESTERS



TH110



TH130



NEW

TH172



TH190



TH300



TH1100

### PORTABLE SURFACE ROUGHNESS TESTERS



TR100



TR110



TR200



TH240



TH1400

### ULTRASONIC THICKNESS GAUGES



TT100



TT150



TT300



TT340

### PAINT / COATING TESTING INSTRUMENTS



TT211



TT2800



TT270



HOLIDAY DETECTOR



PIPE LOCATOR



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## TIME TESTING INSTRUMENTS



### MISCELLANEOUS INSTRUMENTS



COLOUR DIFFERENCE METER



INFRARED THERMOMETERS



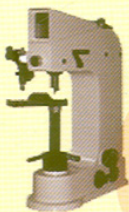
VIBRATION TESTERS



ULTRASONIC FLAW DETECTOR

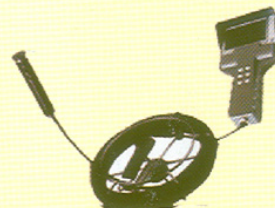


CONCRETE THICKNESS GAGE



HARDNESS TESTERS

COLOUR READER



BORESCOPIES



# MEHTA DOSHI & CO.,

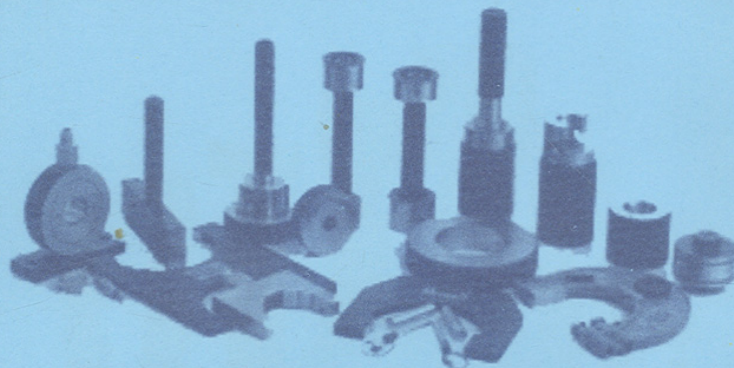


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## YOUR ONE-STOP SOLUTION FOR GAUGES & INSTRUMENTS



### PLAIN AND ADJUSTABLE SNAP GAUGES



**Application :**

- 1) To check thickness and width.
  - 2) To check OD.
  - 3) To check groove diameter.
- Available in 2 Types-Single Ended & Double Ended also as per customer design

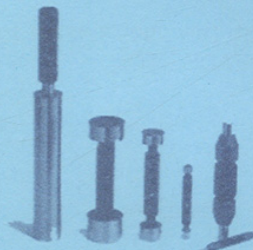
### THREAD MEASURING WIRES

**Application :** To check effective diameter of Thread Gauges, Taps and any other Threads. Our standard set consists of following 16 sizes in mm.

**Range :** 0.17 mm to 3.2 mm.



### PLAIN PLUG GAUGES



**Application :**

To check small and big bores  
**Range :** 0.3 to 1000 mm.

**Specifications :**

As per I.S. 3455-1971 B.S. 969-1963

### PLAIN SETTING MASTERS

**Application :**

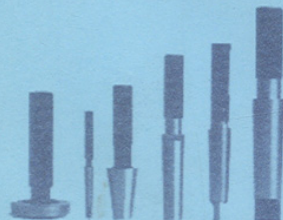
- (i) To set the dial comparator to the required size. This eliminates the cost of Slip Gauges.
- (ii) To set a Floating Carriage-diameter measuring machine while checking thread gauges.

**Range :**

1 mm to 150 mm.



### JACOB TAPER GAUGES



**Application :** To check standard and Non-standard Tapers of bores and shafts.

**Range :** 6 to 80 mm

**Specifications :** As per I.S. 10649 - 1983

### MORSE TAPER PLUGS & RINGS

**Range :** MT - 1 to MT - 6 Available with or without Tang

**Specifications :** I.S. 2251- 1986

**ISO TAPER PLUGS & RINGS**

**Range :** 30, 40, 45 & 50

**Specifications :** I.S. 9475 - 1986



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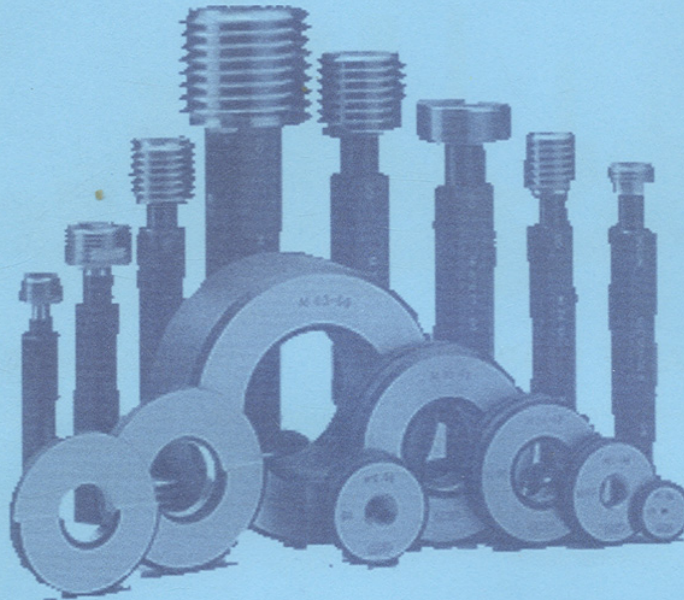
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**BAKER**

*...a passion for precision*



**BAKER**

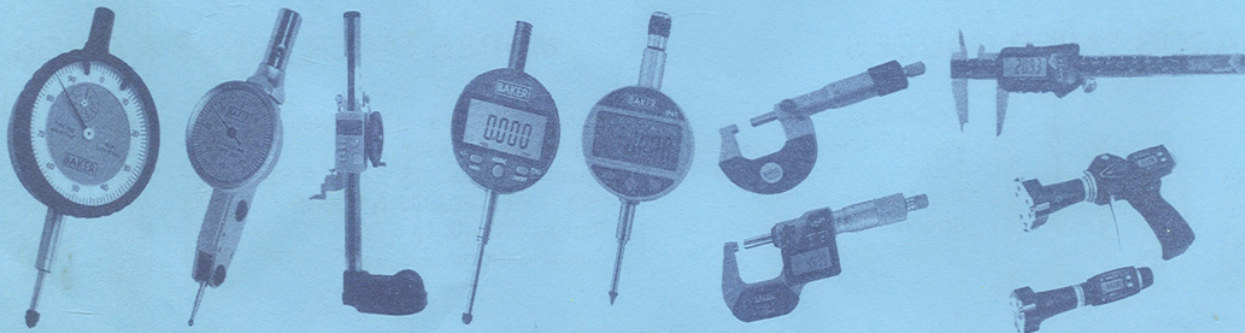
*...a passion for precision*

### THREAD PLUG & RING GAUGES

- Standards: IS,ISO,ANSI,DIN & JIS
- METRIC, UNIFIED, WHITWORTH, BSF, BSW, 'G' SERIES, NPT, NPTF, ANPT, NGT, ISO-7R, DIN-2999,TAPER 1:8, ACME, STUB ACME, TRAPEZOIDAL, BUTTRESS, CYCLE THREADS, HELI COIL, Pg THREADS ETC.,

- \*Thread Plugs 1mm to 310mm
- \*Taper Thread Plugs 1/16" to 10" (Taper 1:16)
- \*Thread Rings 1.6mm to 300mm
- \*Taper Thread Rings 1/16" to 8" (Taper 1:16)

All Thread Gauges carry a certificate of calibration with specified & actual value of pitch diameter.



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## SALES-SPARES-SERVICE

### NON - DESTRUCTIVE TESTING INSTRUMENTS

#### COATING THICKNESS GAGES



Pull Off Pen Type



Coatmeter



Mikrotest



Minicoat



Coatmeasure



Qnix 8500



Qnix 4500



Positest 6000



Minitest 650



Elcometer 456



Concrete Thickness Gage



Coating Thickness Standards



Wet Film Thickness Gages



#### FORCE GAGES / PUSH PULL GAGES



Mechanical Type



Mechanical Type Heavy Duty



Digital Type



Digital Heavy Duty



Force Gage Stands



(ESTD.1962)

## MISCELLANEOUS



Laser Distance Meter



Lux Meter



Magnetic Particle Flaw Detector



Moisture Meter-Concrete



Moisture Balance



Moisture Meter-wood



PH & Conductivity Meters



Pinhole Detectors



Precision Levels



Press-o-film



RAL Color Cards



Range Finders



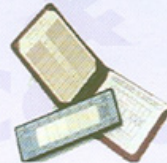
Sound Level Meter



Surface Profile Gages



Surface Profile Comparators



Surface Roughness Testers



Ultrasonic Flaw Detectors



Ultrasonic Leak Detector



Vibration Tester



Viscosity Cups



Sling Psychrometer

## PROMOTING THE NATION'S INDUSTRIAL GROWTH FOR FIVE DECADES

- ▶ Precision Measuring Instruments
- ▶ Garage Tools & Equipment
- ▶ Hand Tools
- ▶ Torque Tools & Accessories

- ▶ Portable Power Tool & Accessories
- ▶ Cutting Tools
- ▶ Machine Tools & Accessories
- ▶ Garden & Lawn Equipment



# OUR WIDE RANGE

## HARDNESS TESTERS



Shore Hardness Testers

Digital Shore Hardness Tester

Hardness Tester-Pencil



Barcol Hardness Tester



Portable Hardness Testers



Rockwell / Brinell Hardness Testers



Digital Hardness Testers



Portable Press Type Hardness Tester



Portable Hardness Tester



Concrete Hardness Tester



## TEMPERATURE MEASURING INSTRUMENTS



Digital Thermometers



Temperature Scanner



Infra Red Thermometers



Thermohygrometers



## Ultrasonic Thickness Gages



Mitech.MT 200



MT160



MX 3



Positest



TT100



UTG 1

# OF PRODUCTS



## MISCELLANEOUS



Adhesion Tester



Adhesion Tester - Automatic



Analytical Balances



Angle Measurer



Automatic Film Applicator



Borescopes



Color Matching Lamp



Colorcatch



Compass



Concrete Crack Depth Gage



Cross Cut Tester



Cylindrical Film Applicators



Demagnetiser



Demagnetiser 01



Dewpoint Tester



Diameter Tapes / Pi Tapes



Digital Anemometer



Digital Tachometers



Digital USB Microscope



Digital Inclinator



Endoscopes



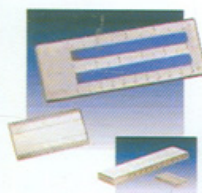
Flashlights



Glossmeter



Gauss Meters



Hegman Gauge



Holiday Detectors



Illuminated Magnifiers

