



**INDUSTRIAL INC.**

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**PRECISION MEASURING INSTRUMENTS**  
EXCLUSIVELY AVAILABLE FROM KAR IN CANADA

# Celebrating 65 Years

with

# 65 WAYS TO SAVE

- CALIPERS
- MICROMETERS
- TOOL SETS
- SCALES
- INDICATORS
- MAGNETIC STANDS
- TELESCOPING GAGES
- FEELER GAGES
- TAPER GAGES
- PITCH GAGES
- EDGE FINDERS
- MAGNIFIERS
- MAGNETIC PICK-UPS
- BORE GAGES
- RULES
- SQUARES
- PROTRACTORS
- LEVELS
- SURFACE COMPARATORS
- REFRACTOMETERS
- MICROSCOPES
- HARDNESS TESTERS



YOUR AUTHORIZED KAR DISTRIBUTOR:

## **TECHNICUT**

**INDUSTRIAL SUPPLY INC.**

Unit 201-9466 189th Street, Surrey, B.C. V4N 4W7

**604.888.4052 Fax 604.888.4072**

FOR QUALITY, VALUE AND SERVICE CALL YOUR KAR DISTRIBUTOR TODAY!

## ELECTRONIC CALIPERS

### Standard Model



- Resolution: 0.0005"/0.01mm
- Buttons: on/off, zero, inch/mm
- Auto power off
- Battery CR2032
- Data output
- Stainless steel
- Supplied in fitted storage case

0-6 Inch/0-150mm  
±0.001" accuracy

1 CODE 817000  
**53.58**

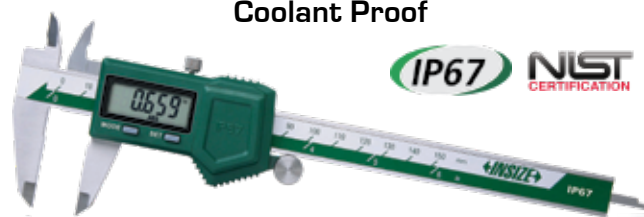
0-8 Inch/0-200mm  
±0.0015" accuracy

2 CODE 817001  
**73.97**

0-12 Inch/0-300mm  
±0.0015" accuracy

3 CODE 817002  
**113.58**

### Coolant Proof



- Resolution: 0.0005"/0.01mm
- Coolant proof, IP67 Ingress protection level
- Button functions: zero, on/off, inch/mm, ABS/REL, hold
- Battery CR2032
- Stainless steel
- Supplied in fitted storage case

0-6 Inch/0-150mm  
±0.0015" accuracy

4 CODE 816018  
**155.14**

0-8 Inch/0-200mm  
±0.0015" accuracy

5 CODE 280014  
**250.74**

0-12 Inch/0-300mm  
±0.0015" accuracy

6 CODE 280015  
**290.70**

### Zinc Alloy Casing



- Resolution: 0.0005"/0.01mm
- Zinc alloy casing
- Buttons: zero, on/off, inch/mm
- Auto power off
- Battery CR2032
- Stainless steel
- Supplied in fitted storage case

0-6 Inch/0-150mm  
±0.0015" accuracy

7 CODE 816012  
**64.78**

### Fractional Reading



- Resolution: 0.0005", 1/128" (fractional), 0.01mm
- Buttons: zero, unit (mm/inch/fraction), ABS (absolute and incremental), on/off
- Auto power off
- Battery CR2032
- Stainless steel
- Supplied in fitted storage case

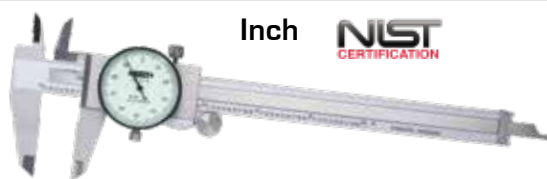
0-6 Inch/0-150mm  
±0.0015" accuracy

8 CODE 280003  
**84.80**

0-8 Inch/0-200mm  
±0.0015" accuracy

9 CODE 280004  
**125.78**

## DIAL CALIPERS



Inch



- Graduations: 0.001"
- One revolution equals: 0.1"
- Shock proof dial indicator
- Supplied in fitted storage case

0-4 Inch  
±0.0012" accuracy

10 CODE 280462  
**69.10**

0-6 Inch  
±0.0015" accuracy

11 CODE 816028  
**56.41**

0-8 Inch/0-200mm  
±0.002" accuracy

12 CODE 816030  
**74.66**

0-12 Inch/0-300mm  
±0.002" accuracy

13 CODE 816032  
**138.88**



0-18 Inch & 0-24 Inch

NEW

- Graduation: 0.001"
- Jaw length: 3.346"
- Shockproof dial indicator
- Stainless steel
- Supplied in fitted storage case

0-18 Inch  
±0.002" accuracy

14 CODE 877128  
**313.05**

0-24 Inch  
±0.002" accuracy

15 CODE 877129  
**412.58**

## VERNIER CALIPER

0-40 Inch/0-1000mm



- Graduation: 0.001"/0.02mm
- Jaw length: 5.512"
- Stainless steel with satin chrome plated reading surface
- Supplied in fitted storage case

0-40 Inch/0-1000mm  
±0.0031" accuracy

16 CODE 280409  
**834.84**

## ELECTRONIC OUTSIDE MICROMETERS

### Coolant Proof



NIST  
CERTIFICATION

IP65  
SPC

OPTIONAL ACCESSORY:  
SPC cable

- Resolution: 0.00005"/0.001mm
- Coolant proof, IP65 Ingress protection level
- Button function: on/off, set, inch/mm, ABS/INC
- Data output
- Auto power off
- Battery LR44
- Ratchet stop
- Carbide tips
- Supplied with spherical anvil
- Supplied in fitted storage case

0-1 Inch/0-25mm  
±0.0001" accuracy  
17 CODE 280838  
**224.08**

### 2-Button



Spherical Anvil  
to measure  
tube thickness



NIST  
CERTIFICATION

- Resolution: 0.00005"/0.001mm
- Button functions: on/off, set, inch/mm, ABS/INC
- Auto power off
- Battery LR44
- Carbide tips
- Friction thimble
- Spherical anvil included allows tube thickness measurements
- Supplied in fitted storage case

0-1 Inch/0-25mm  
±0.0001" accuracy  
18 CODE 816500  
**94.13**

## OUTSIDE MICROMETERS

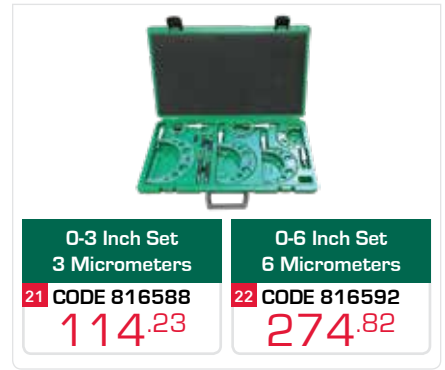


NIST  
CERTIFICATION

- Graduation: 0.0001"
- Ratchet stop
- Friction thimble
- Carbide tips
- Micrometers over 1" are supplied with a setting standard
- Supplied in fitted storage case

0-1 Inch  
±0.00016" accuracy  
19 CODE 816564  
**33.51**

1-2 Inch  
±0.00016" accuracy  
20 CODE 816566  
**37.61**



0-3 Inch Set  
3 Micrometers  
21 CODE 816588  
**114.23**

0-6 Inch Set  
6 Micrometers  
22 CODE 816592  
**274.82**

## BLADE MICROMETERS



- Measures the groove diameters of shafts and keyways
- Graduation: 0.0001"
- Non-rotating spindle
- Ratchet stop
- Micrometers over 1" are supplied with a setting standard
- Supplied in fitted storage case

0-1 Inch  
±0.00015" accuracy  
23 CODE 281320  
**220.30**

1-2 Inch  
±0.00015" accuracy  
24 CODE 281321  
**238.38**

2-3 Inch  
±0.0002" accuracy  
25 CODE 281322  
**269.10**

3-4 Inch  
±0.0002" accuracy  
26 CODE 281323  
**291.22**

4-5 Inch  
±0.00025" accuracy  
27 CODE 281324  
**324.78**

5-6 Inch  
±0.00025" accuracy  
28 CODE 281325  
**351.25**

6-7 Inch  
±0.0003" accuracy  
29 CODE 281326  
**395.61**

**FREE**

Purchase \$65 of **INSIZE**  
Receive **FREE** Pocket Rule



## DEPTH MICROMETER



- Graduation: 0.001"
- Micrometer head accuracy:  $\pm 0.00012$ "
- Rod accuracy:  $\pm [0.001 + 0.0005(L/3)]$   
(L= measuring range in inch)
- 6 rods with flat end
- Ratchet stop
- Supplied in fitted storage case

0-6 Inch  
**30** CODE 281939  
**151.72**

## INTERNAL MICROMETER



- Graduation: 0.001"
- Micrometer head accuracy:  $\pm 0.00012$ "
- Micrometer head travel: 0.5"
- Accuracy:  $[0.0003 + 0.00005(L/2)]$   
(L= max measuring length in inch)
- 10 extension rods
- Supplied in fitted storage case

2-12 Inch  
**31** CODE 282040  
**241.44**

## MEASURING TOOL SET



### 13-Piece Set

- **Set Includes:**
    - 1) Electronic caliper (817000) SPC, range 0-6"/0-150mm, resolution 0.0005"/0.01mm
    - 2) Outside micrometer (281005), range 0-1", graduation 0.0001"
    - 3) Dial indicator (816158), range 1", graduation 0.001"
    - 4) Magnetic stand with magnetic force 132lb/60kgf (816252)
    - 5) Protractor (283329), range 0-180°, graduation 1°
    - 6) Pitch gage (283552), range 4-42TPI, 30pcs, unified 60° thread
    - 7) Radius gage (283567), range 1/32"-1/4"
    - 8) Feeler gage (283543), range 0.0015"-0.035", 31pcs
    - 9) 90° beveled edge square (283356), 3.937" x 2.756", grade 0
    - 10) Scriber (283972)
    - 11) Steel rule (283596), 6"/150mm
    - 12) Depth base attachment (816046)
    - 13) Zero setting bar for depth base attachment
- Supplied in fitted storage case



13-Piece Set  
**32** CODE 816407  
**334.60**

## ELECTRONIC SCALES

### Horizontal



- Resolution: 0.0005"/0.01mm
- Type A buttons: zero, on/off, inch/mm; Type B button function: on/off, zero, inch/mm, ABS (absolute and incremental measurement), data preset
- Auto power off
- Battery CR2032
- Data output
- Stainless steel
- Supplied with bracket to be mounted on back

Type A  
 8 Inch/200mm  
 $\pm 0.0012$ " accuracy  
**33** CODE 284456  
**153.10**

Type B  
 16 Inch/400mm  
 $\pm 0.002$ " accuracy  
**34** CODE 284458  
**285.85**

OPTIONAL  
 ACCESSORY:  
 SPC cable

### Vertical



- Resolution: 0.0005"/0.01mm
- Buttons: zero, on/off, inch/mm, ABS/INC, data hold, TOL (tolerance), set
- Auto power off
- Battery LR44
- Data output
- Stainless steel
- Supplied with bracket to be mounted on back

8 Inch/200mm  
 $\pm 0.0012$ " accuracy  
**35** CODE 284470  
**175.98**

16 Inch/400mm  
 $\pm 0.002$ " accuracy  
**36** CODE 284472  
**329.62**



## DIAL INDICATORS

### Large Face



OPTIONAL ACCESSORY: Contact points

- Meets ASME B89.1.10M-2001 standards
- Graduation: 0.001"
- First 2.5 rev. accuracy:  $\pm 0.001$ "
- Range per rev.: 0.1"
- Dial reading: 0-100
- Bezel:  $\varnothing 2.992$ "
- Lug back
- Bezel locking clamp and limit pointers
- Contact point thread: #4-48UNF
- Supplied in fitted storage case

1.5 Inch  
 $\pm 0.004$ " accuracy  
37 CODE 282711  
**75.82**



OPTIONAL ACCESSORIES: Contact points, Flat back, Magnetic back

- Meets ASME B89.1.10M-2001 standards
- Graduation: 0.001"
- First 2.5 rev. accuracy:  $\pm 0.001$ "
- Range per rev.: 0.1"
- Dial reading: 0-100
- Lug back
- Bezel locking clamp and limit pointers
- Contact point thread: #4-48UNF
- Supplied in fitted storage case

1 Inch  
 $\pm 0.002$ " accuracy  
38 CODE 816158  
**31.37**

2 Inch  
 $\pm 0.004$ " accuracy  
39 CODE 816160  
**73.93**

MANY OTHER STYLES, SIZES, AND ACCESSORIES AVAILABLE FOR ALL



EXCLUSIVELY AT KAR IN CANADA

NEW

### MAGNETIC BACK

- Suitable for 816158 and 816160 (INSIZE Series 2307)



Diameter: 2.126"

40 CODE 877212  
**20.34**

## MAGNETIC STANDS

- For electronic indicators, dial indicators, and dial test indicators

### Universal

- With fine adjustment and dovetail groove
- Applicable holding stem:  $\varnothing 3/8$ "



Magnetic Force  
176 lbf/80 kgf  
41 CODE 877028  
**165.30**

### For Uneven Surface

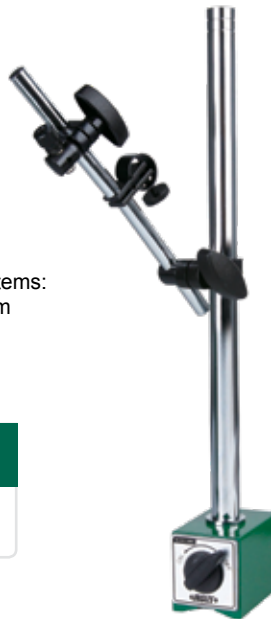
- Applicable holding stems:  $\varnothing 3/8$ ",  $\varnothing 8$ mm,  $\varnothing 4$ mm



Magnetic Force  
132 lbf  
42 CODE 282893  
**45.14**

### Dual Stem

- Applicable holding stems:  $\varnothing 3/8$ ",  $\varnothing 8$ mm,  $\varnothing 4$ mm



Heavy Duty with Fine Adjustment

Magnetic Force  
220 lbf  
43 CODE 816254  
**71.34**



### Universal

Magnetic Force  
132 lbf  
44 CODE 816250  
**24.98**

## TELESCOPING GAGE SET



- For quick measurement of inside diameter of holes and width of slots
- Satin chrome finish
- Supplied in storage pouch

6 Pieces  
5/16-6 Inch  
45 **CODE 816202**  
**39.41**

## FEELER GAGE

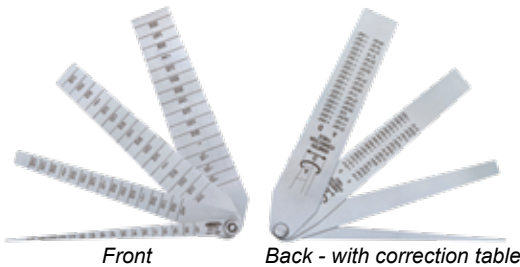


- Hardened alloy steel (except 0.01" blade - brass)
- Blades individually marked with inch/metric measurements
- Supplied in storage pouch

32 Blades  
0.01-0.035 Inch  
46 **CODE 283543**  
**9.66**

**NEW**

## TAPER GAGE SET



- Measure opening, slot width, hole diameter, etc.
- Graduation: 1/64"
- Includes 4 pieces: 1/16 to 5/16", 21/64 to 9/16", 37/64 to 13/16" and 53/64 to 1-1/16"
- Diameter correction table on one side
- Stainless steel

1/16 to 1-1/16"  
±0.004" accuracy  
47 **CODE 877172**  
**58.92**

## PITCH GAGES

Metric & Unified 60°



- For measuring the pitch of screw threads
- Blades individually marked with pitch:  
Metric 60°: range 0.4-7mm, accuracy ±0.07mm;  
Unified 60°: range 4-42TPI, accuracy ±0.0028"
- Medium carbon steel
- Supplied in storage pouch

52 Blades  
48 **CODE 816695**  
**15.22**

ACME 29°



- For measuring the pitch of screw threads
- Blades individually marked with pitch  
range 1-12TPI, accuracy ±0.0028"
- Medium carbon steel
- Supplied in storage pouch

16 Blades  
50 **CODE 283549**  
**55.38**

**NEW**

## ELECTRONIC EDGE FINDER



- Shank electronically conducted to the metal workpiece through the chuck and table – LED illuminates and beeper sounds when ball touches the workpiece
- Contact ball diameter: 0.4"
- Not suitable for rotary use
- Hardened shank and contact ball
- Battery: 23AE, 12V x 1 pc.

3/4" shank  
0.0002" accuracy  
49 **CODE 816382**  
**166.49**

## THREE WAY MAGNIFIER

2X Magnification, Lens Ø4.724"



4X Magnification  
Lens Ø1.102"

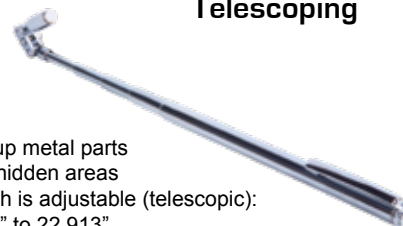
- Plastic lens
- Powered by 2 x AA batteries (included) or power adapter (110-240V, 50-60Hz)

With illumination  
51 **CODE 816387**  
**27.38**

**NEW**

## MAGNETIC PICK-UP

Telescoping



- Pick up metal parts from hidden areas
- Length is adjustable (telescopic): 7.008" to 22.913"
- Magnetic force: 0.99 lbf
- Rotation of the magnetic head: 360°
- Brass handle with chrome plating
- Magnetic tip size: 0.236" diameter

Adjustable length  
7 to 23 Inch  
52 **CODE 877206**  
**10.95**

## BORE GAGE



- Indicator graduation: 0.0005"
- Indicator range: 0.25"
- Repeatability: 0.00015"
- Supplied in fitted storage case

OPTIONAL ACCESSORIES:  
Setting ring  
Long handle

2-6 Inch  
±0.0009" accuracy  
53 CODE 816192  
**186.11**

## RIGID RULES



- Graduation: 1/64" and 1/32" front, 1/16" and 1/8" back
- 4R graduation
- Stainless steel with non-glare surface

6 Inch  
±0.003" accuracy  
54 CODE 877203  
**1.62**

12 Inch  
±0.004" accuracy  
55 CODE 877201  
**2.86**

24 Inch  
±0.006" accuracy  
56 CODE 877202  
**5.72**

## 90° BEVELED EDGE SQUARE



- DIN875, grade 00
- Two beveled edges on upright blade for inside and outside measurements
- Inside squareness: 0.000102"
- Outside squareness: 0.00011"
- Hardened stainless steel
- Supplied in fitted storage case

Dimensions  
3 x 2 Inch  
57 CODE 816302  
**52.10**

## ELECTRONIC PROTRACTOR



- Resolution: 0.1°
- Accuracy: ±0.3°
- Buttons: on/off, zero
- With locking screw
- Graduation of blade: 1/32" and 1mm
- Stainless steel
- Battery CR2032
- Auto power off

0-360°  
8 Inch  
58 CODE 877018  
**60.71**

## ELECTRONIC LEVEL & PROTRACTOR

### Coolant Proof



- Resolution: 0.05°/0.125 in/ft
- Accuracy: at 0° and 90° ±0.1°, others ±0.2°
- Aluminum frame
- Magnetic bottom with V-groove for shafts
- Sea level permanently set inside the chip – zero setting not required when batteries replaced
- Button functions: on/off, absolute and incremental, keep reading, buzzer alarm, unit (in/ft, %, mm/m), backlight
- 2 x AAA batteries
- Auto power off

0-360° (90° x 4)  
59 CODE 877108  
**117.69**

## NEW CAST ALUMINUM LEVEL



- Shockproof horizontal and vertical vials
- Magnetic base
- Working temperature: 5°F-131°F
- Cast aluminum body
- vials made in Israel – Lifetime warranty

10 Inch  
±0.006"/ft accuracy  
60 CODE 877182  
**17.74**

## NEW PORTABLE LEVEL



- Shockproof vials
- Magnetic base
- Shock absorbing rubber end caps
- Working temperature: 5°F-131°F (-15°C-55°C)
- Vials made in Israel - lifetime warranty

4 x 2 x 0.787 Inch  
±0.006"/ft accuracy  
61 CODE 877180  
**10.42**

## SURFACE ROUGHNESS COMPARATOR



- For checking, identifying and specifying roughness by symbol
- Horizontal milling (6 pcs), vertical milling (6 pcs), turning (6 pcs), plain grinding (6 pcs), Flat lapping (2 pcs), and external grinding (4 pcs)
- For maintenance apply anti-rust oil after use

Carbon Steel  
62 CODE 877233  
**191.88**

## PORTABLE REFRACTOMETER



- Quickly measure the concentration of coolant
- Refer to the refraction factor of coolant, for example: refraction factor of grinding emulsion is 2.1, the reading value is 6%, so the actual concentration is  $(2.1 \times 6\%) = 12.6\%$
- Suitable for water based coolant
- Graduations: 0.2%
- Dimensions: 1.06" x 1.57" x 6.3"
- Weight: 0.39 lbs.

0-32%  
Measuring Range  
63 CODE 219182  
**131.59**

## ELECTRONIC MEASURING MICROSCOPE



Microscope with  
Software & Stand  
64 CODE 285000  
**389.99**  
\$100 OFF

### With Standard Stand

- Records photos and video
- Supplied with measuring software (requires Windows XP SP2, Vista, Windows 7, 8 or 10 operating system)
- Data export to CAD or Microsoft Excel
- Magnification: 10X to 200X
- Pixels: Standard – 1.3M (resolution: 1280x1024)
- Built-in adjustable LED
- Power supply: USB 2.0 cable (voltage required: 5±0.1V)

**Includes one of each:** Microscope, Stand, White/Black plate, Focus support ring 80X/150X, Focus support ring 60X/200X, Calibration rule (graduation 0.1mm), Calibration rule (graduation 1mm), ISM-PRO software CD

Magnification (Inch)	Focus Distance (Inch)	View Field (Inch)	Accuracy (Inch)
50x	0.83	0.32 x 0.25	0.0012
100x	0.51	0.15 x 0.12	0.0006
150x	0.63	0.10 x 0.08	0.0004
200x	0.75	0.07 x 0.06	0.0003

**FREE**

Purchase \$65 of **INSIZE** Receive **FREE Pocket Rule**

## PORTABLE LEEB HARDNESS TESTER



Small support ring

Hardness test block

- Based on Leeb (HLD), converted to Vickers (HV), Brinell (HB), Rockwell (HRC and HRB), Shore (HS) and tensile strength (MPa)
- Memory of 99 measurement values for browsing
- Set measurement times (1-9) to have average value
- Connects to printer via bluetooth (optional)
- Automatic power off
- ASTM A956 standards
- Supplied with manufacturer inspection certificate

LEEB  
Hardness Tester  
65 CODE 816432  
**1,382.66**

Minimum reading	1HLD, 1HV, 1HB, 0.1HRC, 0.1HRB, 1HS 1MPa
Accuracy	±6HLD (when HLD = 800)
Display	Leeb (HLD), converted hardness, material, impact direction, test times, average value, date
Output	Bluetooth
Applicable workpiece	11.02 lbs
	minimum weight 4.41 lbs (on solid support)
	0.22 lbs (coupled on plate)
	minimum thickness: 0.20"
	minimum radius of curved surface: 1.18"
	maximum roughness (Ra): 63µin
Power supply	3 x AAA batteries
Dimensions (Inch)	5.91 x 3.31 x 1.10
Weight (lbs)	0.44
INSIZE No.	ISH-PHB
Code	816432

**Includes one of each:** Hardness tester, Impact device D, Hardness test block D, Small support ring, Cleaning brush

**OPTIONAL ACCESSORIES:** Wireless printer, Couplant, Support rings, Hardness test block D



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Toronto: 1-800-387-3127  
Montréal: 1-800-363-7862  
Edmonton: 1-866-440-4326

Code #000291

Offer valid until September 30, 2019

\*Products shown may not be exactly as illustrated

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