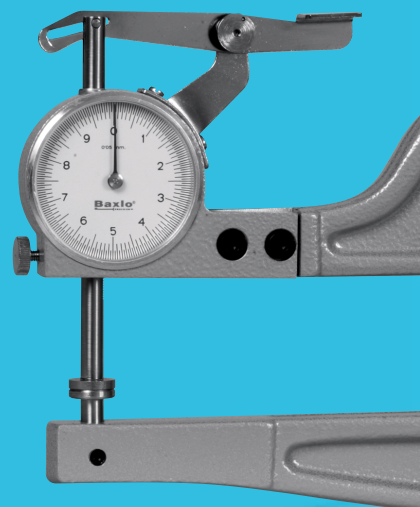
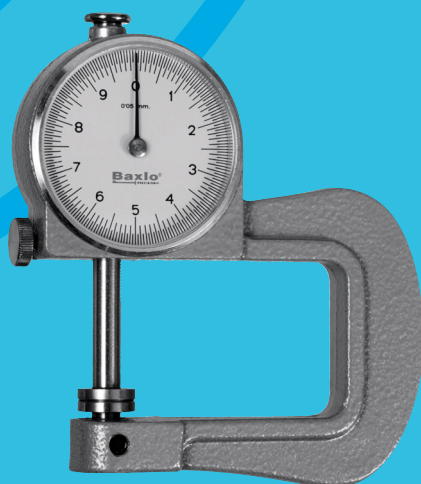


# Baxlo<sup>®</sup>






PRECISION

Measuring Instruments



General Catalog

### Manufacturers of measuring instruments since 1950

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is the European specialist in measuring products. Our experience and constant innovation make us, everyday, the reference in quality control for a growing number of satisfied customers. We can offer the highest technology and the more reliable mechanical components available.

As manufacturers we can provide the complete catalogue of our products at the quickest delivery times. Also, this condition make us the more flexible source of metrological applications by adapting our products, if needed, to your concrete specifications.

We can guarantee the highest quality of every manufactured part. Our costumer service will solve quick and efficiently any issue related to our products. We offer, too, a complete service of calibration and certification of all our product range.

# Hardness Tester

Accurate and highly reliable hardness testers

## Shore durometers

Our **Baxlo**® durometer allows accurate and reliable measurements of a wide variety of materials from soft rubber to very hard plastic materials, according to DIN 53.505, UNE-EN ISO 868 and ASTM D-2240 standards. All in a portable and compact instrument. desde cauchos blandos hasta plásticos de gran dureza, de acuerdo con las normas DIN 53.505, UNE-EN ISO 868 y ASTM D-2240.

- Compact and handy instrument for an easy operation and a quick reading.
- Includes verification gauge.
- Supplied in wooden case.
- On request we also supply special durometer scales such as shore 0.00 and so.



### Shore A Durometer, 1 shore unit reading

**Reading** 1 shore unit **Range** 0-100 shore units

**Range of application** Soft vulcanized rubber and all Elastomeric materials natural rubber, neoprene, nitrile rubbers, flexible polyester, thiokol, flexible polyester, cast resins, neoprene, soft PVC, poly-acrylic esters, etc. Also used on wax, felt, leather, etc.

### Shore A Durometer, 5 shore units reading

**Reading** 5 shore unit **Range** 0-100 shore units

**Range of application** Soft vulcanized rubber and all Elastomeric materials natural rubber, neoprene, nitrile rubbers, flexible polyester, thiokol, flexible polyester, cast resins, neoprene, soft PVC, poly-acrylic esters, etc. Also used on wax, felt, leather, etc

### Shore C Durometer, 1 shore unit reading

**Reading** 1 shore unit **Range** 0-100 shore units

**Range of application** Medium hard rubber and plastics. Plaster cast, gypsum, etc.

### Shore C Durometer, 5 shore unit reading

**Reading** 1 shore unit **Range** 0-100 shore units

**Range of application** Medium hard rubber and plastics. Plaster cast, gypsum, etc.

### Shore D Durometer, 1 shore unit reading

**Reading** 1 shore unit **Range** 0-100 shore units

**Range of application** Hard rubber and the harder grades of plastics such as rigid thermo-plastic sheet, fibre plastics, plexiglas, polystyrene, vinyl sheet, cellulose acetate and thermosetting laminates such as formica. Also paper rolls, etc.

### Shore D Durometer, 5 shore units reading

**Reading** 5 shore unit **Range** 0-100 shore units

**Range of application** Hard rubber and the harder grades of plastics such as rigid thermo-plastic sheet, fibre plastics, plexiglas, polystyrene, vinyl sheet, cellulose acetate and thermosetting laminates such as formica. Also paper rolls, etc.

# Hardness Tester

Accurate and highly reliable hardness testers

## Fruits and vegetables firmness testers

**Baxlo**® hardness testers for fruit and vegetables allow non-destructive measurements of the firmness of fruit pulp. The test is very reliable, performs easily and is suitable for most types of fruits and vegetables such as oranges, peaches, cherries, tomatoes, apples, etc.

### Measurement principle:

The firmness of fruit pulp is very important for fruit traders. By help of our BAXLO Hardness Tester for Fruits and Vegetables you can see the yielding of the fruit and obtain a valid indication of the most appropriate harvest time,

Kind of fruit	Penetrator measures
Peaches, apricots, plums	Cylindrical 0,1 cm <sup>2</sup>
Cherries, tomatoes	Cylindrical 0,25 cm <sup>2</sup>
Strawberries	Cylindrical 0,50 cm <sup>2</sup>
Carrots, cucumbers, radishes, kohlrabi	Spherical Ø 2,5 mm
Citrus fruits , apples, avocados, onions, papayas	Spherical Ø 5 mm



controlling the ripeness of the fruit. It also helps the storekeeper to know the evolution of the maturation state of the stored fruit.

The use of our non-destructive Hardness Tester allows measurements that can't be done by the classic fruit penetrometer that damages the fruit.

## Shore Durometer Stand

Our Shore Hardness Tester Stands are specially designed to work with our complete range of durometers. They can be used too with any other shore durometer brand only making a very easy adjustment or adaptation.

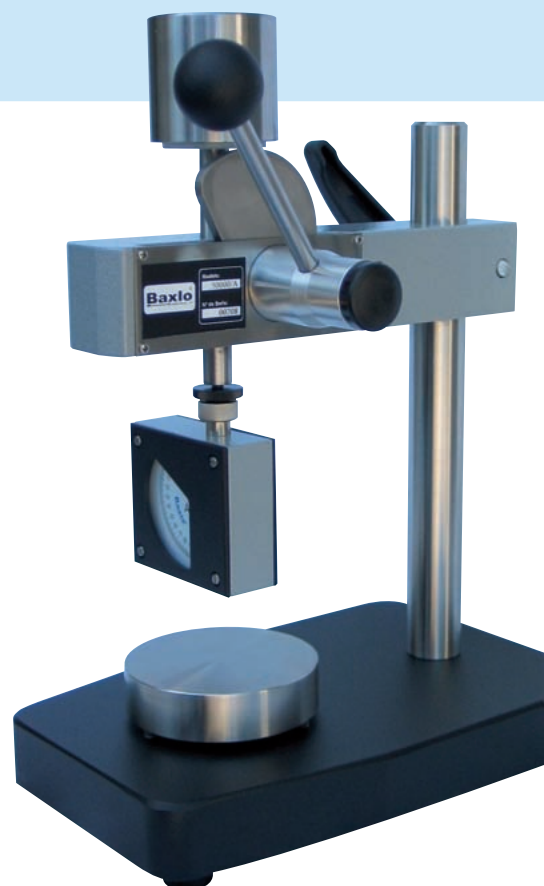
The use of a durometer stand is recommended when a high accuracy and repeatability is required in hardness measurements.

The use of the durometer stand allows to obtain the exact measuring force over the test specimen and also ensures a perfect perpendicularity between the workpiece and the base of the durometer.

Its accurate and robust construction ensures optimal conditions for testing in laboratories and production lines that requires a comprehensive quality control

There are different models depending on the type of durometer to be mounted:

Model	Stand
5000/A	for Shore A, Shore B and Shore O durometers
5000/D	for Shore C and Shore D durometers
5000/00	for Shore 00 durometers





# Pocket thickness gauges

Thickness gauges lightweight, handy and ergonomic thickness gauge

## Pocket Series Thickness Gauges

Our **Baxlo® Pocket Series Thickness Gauges** has been designed to measure a wide range of materials such as paper, paperboard, sheet, metal, leather, felt, rubber, glass, plastic films, plywood and for measuring fast and accurately a wide variety of parts in your workshop or quality assurance laboratory, doing the same function of any caliper.

**Baxlo® Pocket Series Thickness Gauges** are handy, lightweight and distinguishes itself by its up to date and ergonomical design.

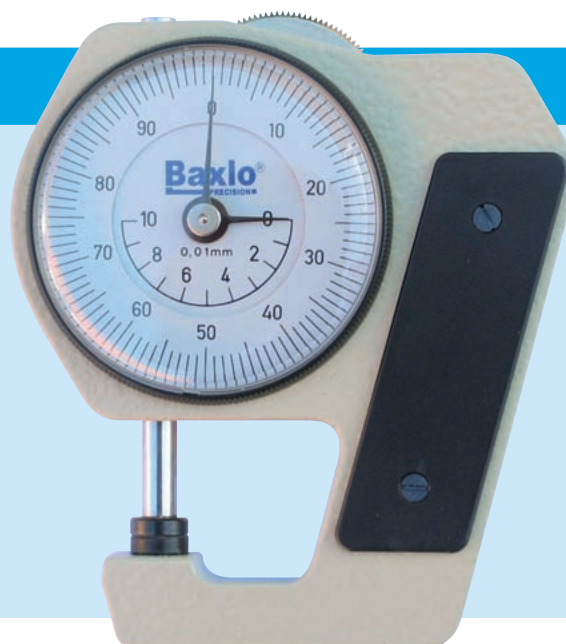
### Pocket Thickness Gauge Model 2012

Reading	0,1 mm
Measuring Range	0 - 12 mm
Depth of Jaw	15 mm
Operation	by push button
Feelers	8 mm Ø
Application	thickness measuring



### Pocket Thickness Gauge Model 2012

Reading	0,01 mm
Measuring Range	0 - 10 mm
Depth of Jaw	18 mm
Operation	by lifting wheel
Feelers	6,3 mm Ø flat
Application	thickness measuring



# Thickness gauges

Thickness gauges for a wide range of materials

## Standard Series Thickness Gauges

Our **Baxlo® Standard Series Thickness Gauges** has been designed to measure a wide range of materials such as paper, paperboard, sheet, metal, leather, felt, rubber, glass, plastic films, plywood and for measuring fast and accurately a wide variety of small parts in your workshop or quality assurance laboratory, doing the same function of any caliper.

- **Baxlo® Standard Series Thickness Gauges** are handy, lightweight and allow quick checkings in routine production tasks and in quality control laboratories.
- Reading 0,05 mm.
- Rugged and lightweight.
- Made with stainless materials.
- On request there is also available a wide variety of special feelers, tailored to customer needs.

### Thickness Gauge Model 2000

Reading 0,05 mm

Measuring Range 0 - 25 mm

Depth of Jaw 50 mm

Operation by push button

Feelers Ø 12 mm

Application thickness measuring



### Thickness Gauge Model 2001

Reading 0,05 mm

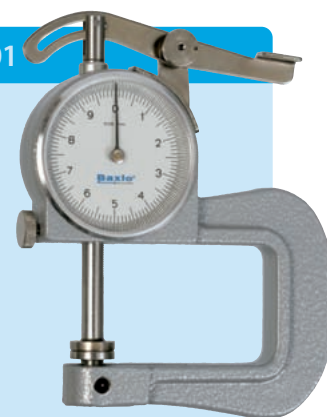
Measuring Range 0 - 25 mm

Depth of Jaw 50 mm

Operation by lifting lever

Feelers Ø 12 mm

Application thickness measuring



### Thickness Gauge Model 2002

Reading 0,05 mm

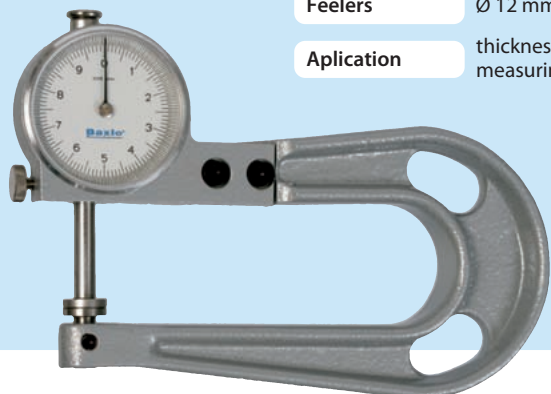
Depth of Jaw 100 mm

Measuring Range 0 - 25 mm

Operation by push button

Feelers Ø 12 mm

Application thickness measuring



### Thickness Gauge Model 2003

Reading 0,05 mm

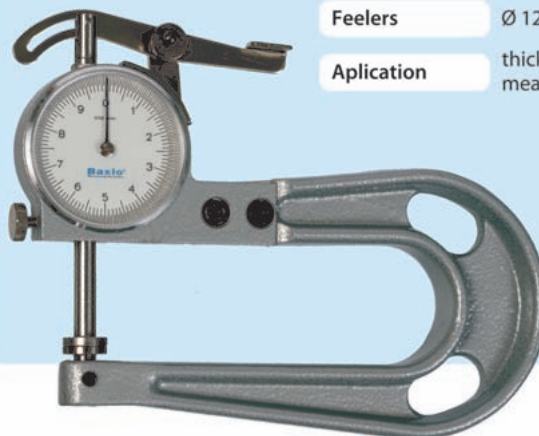
Depth of Jaw 100 mm

Measuring Range 0 - 25 mm

Operation by lifting lever

Feelers Ø 12 mm

Application thickness measuring



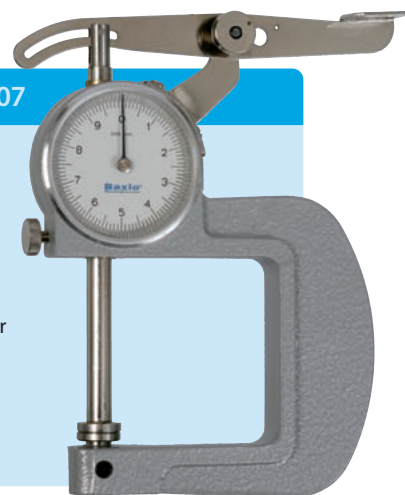
## Thickness Gauge Model 2006

Reading	0,05 mm
Measuring Range	0 - 40 mm
Depth of Jaw	50 mm
Operation	by push button
Feelers	Ø 12 mm
Application	thickness measuring



## Thickness Gauge Model 2007

Reading	0,05 mm
Measuring Range	0 - 40 mm
Depth of Jaw	50 mm
Operation	by lifting lever
Feelers	Ø 12 mm
Application	thickness measuring



## Thickness Gauge Model 2009

Reading	0,05 mm
Measuring Range	0 - 15 mm
Depth of Jaw	50 mm
Operation	by lifting lever
Feelers	conical (with 2 mm. diameter tip ball)
Application	measurement of curved pieces



## Thickness Gauge Model 2010

Reading	0,05 mm
Measuring Range	0 - 20 mm
Depth of Jaw	50 mm
Operation	by push button
Feelers	special for tube walls
Application	tube wall thickness measuring



## Thickness Gauge Model 2011

Reading	0,05 mm
Measuring Range	0 - 20 mm
Depth of Jaw	50 mm
Operation	by lifting lever
Feelers	special for tube walls
Application	tube wall thickness measuring



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# Thickness gauges

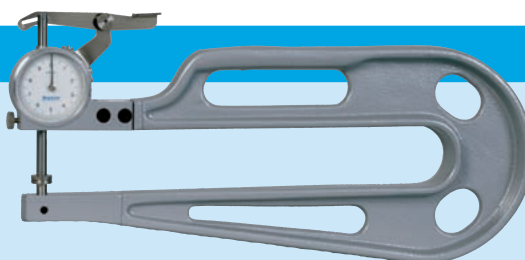
Thickness gauges for a wide range of materials

## Large Format Series Thickness Gauges

Our **Baxlo®** Large Format Series Thickness Gauges has been designed to measure large pieces of a wide range of materials such as paper, paperboard, sheet, metal, leather, felt, rubber, glass, plastic films, plywood.

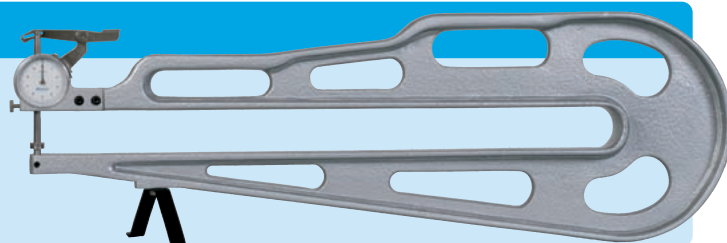
### Thickness Gauge Model 2004

Reading	0,05 mm	Operation	by lifting lever
Measuring Range	0 - 25 mm	Feelers	Ø 12 mm
Depth of Jaw	250 mm	Application	thickness measuring



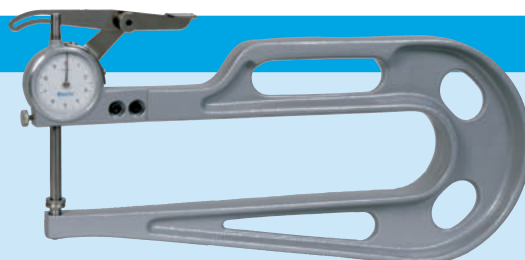
### Thickness Gauge Model 2005

Reading	0,05 mm	Operation	by lifting lever
Measuring Range	0 - 25 mm	Feelers	Ø 12 mm
Depth of Jaw	500 mm	Application	thickness measuring



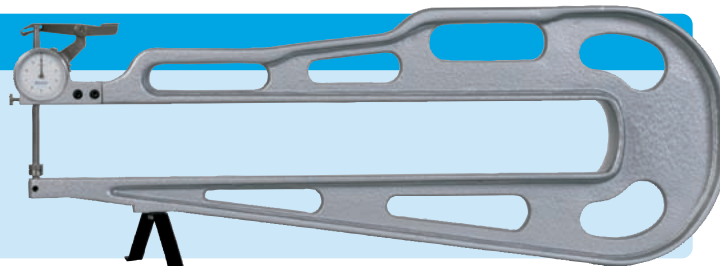
### Thickness Gauge Model 2008

Reading	0,05 mm	Operation	by lifting lever
Measuring Range	0 - 45 mm	Feelers	Ø 12 mm
Depth of Jaw	250 mm	Application	thickness measuring



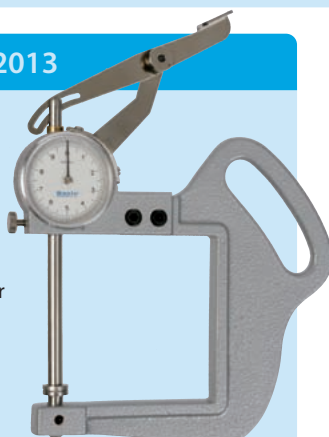
### Thickness Gauge Model 2500

Reading	0,05 mm	Operation	by lifting lever
Measuring Range	0 - 65 mm	Feelers	Ø 12 mm
Depth of Jaw	500 mm	Application	thickness measuring



### Thickness Gauge Model 2013

Reading	0,05 mm
Measuring Range	0 - 65 mm
Depth of Jaw	80 mm
Operation	by lifting lever
Feelers	Ø 12 mm
Application	thickness measuring



### Thickness Gauge Model 2014

Reading	0,05 mm
Measuring Range	40-80 mm
Depth of Jaw	50 mm
Operation	by push button
Feelers	Ø 12 mm
Application	thickness measuring





## Precision Series Thickness Gauges

Our **Baxlo® Precision Series Thickness Gauges** has been designed to allow accurate and fast measurements of a wide range of materials such as paper, paperboard, sheet, metal, leather, felt, rubber, glass, plastic films, plywood and also for measuring fast and accurately a wide variety of small parts in your workshop or quality assurance laboratory, doing the same function of any caliper. **Baxlo® Precision Series Thickness Gauges** are handy, lightweight and allow quick checkings both in routine production tasks as in quality control laboratories.

### Thickness Gauge Model 3000

Graduation	0,01 mm
Measuring Range	0 - 10 mm
Depth of Jaw	35 mm
Feelers	Ø 8 mm
Application	thickness measuring



### Thickness Gauge Model 3001

Graduation	0,01 mm
Measuring Range	0 - 10 mm
Depth of Jaw	35 mm
Feelers	special for tube walls
Application	thickness measuring



### Thickness Gauge Model 3002

Graduation	0,01 mm
Measuring Range	0 - 10 mm
Depth of Jaw	35 mm
Feelers	roller feelers
Application	continuous measuring



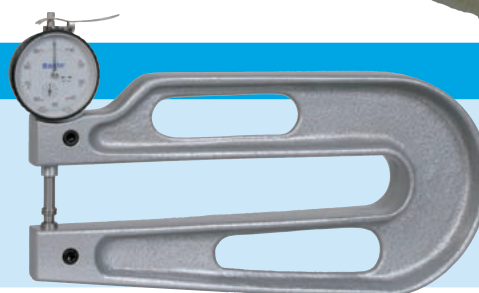
### Thickness Gauge Model 3050

Graduation	0,01 mm
Measuring Range	0 - 10 mm
Depth of Jaw	45 mm
Feelers	Ø 2 mm
Application	desktop instrument



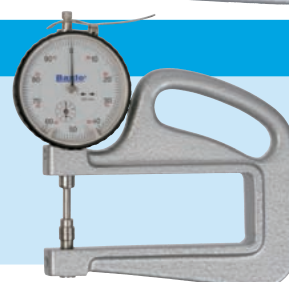
### Thickness Gauge Model 3005

Graduation	0,01 mm	Feelers	Ø 10 mm
Measuring Range	0 - 10 mm	Application	thickness measuring
Depth of Jaw	250 mm		



### Thickness Gauge Model 3006

Graduation	0,01 mm	Feelers	Ø 8 mm
Measuring Range	0 - 10 mm	Application	thickness measuring
Depth of Jaw	100 mm		



# Thickness Gauges

Thickness gauges for a wide range of materials

## Digital Precision Series Thickness Gauges

**Baxlo® Precision Digital Series Thickness Gauges** combines the easy handling of our dial thickness gauges with the multiple functions provided by digital technology.

Our **Baxlo® Precision Digital Series Thickness Gauges** allow accurate and fast measurements of a wide range of materials such as paper, paperboard, sheet, metal, leather, felt, rubber, glass, plastic films, plywood and also for measuring fast and accurately a wide variety of small parts in your workshop or quality assurance laboratory.

### Model 3000DIG

Resolution	0,01mm / 0,0005"
Measuring Range	0 - 12,5mm / 0,5"
Depth of Jaw	35 mm
Feelers	Ø 8 mm
Application	thickness measuring



### Model 3001DIG

Resolution	0,01mm / 0,0005"
Measuring Range	0 - 12,5mm / 0,5"
Depth of Jaw	35 mm
Feelers	special for tube walls
Application	tube wall thickness measuring



### Model 3002DIG

Resolution	0,01mm / 0,0005"
Measuring Range	0 - 12,5mm / 0,5"
Depth of Jaw	35 mm
Feelers	Roller feelers
Application	continuous measuring



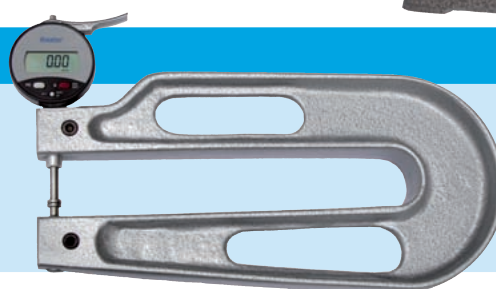
### Model 3050DIG

Resolution	0,01mm / 0,0005"
Measuring Range	0 - 12,5mm / 0,5"
Depth of Jaw	45 mm
Feelers	Ø 8 mm
Application	desktop instrument



### Model 3005DIG

Resolution	0,01mm / 0,0005"	Feelers	Ø 10 mm
Measuring Range	0-12.5 mm/0.5"	Application	thickness measuring
Depth of Jaw	250 mm		



### Model 3006DIG

Resolution	0,01mm / 0,0005"	Feelers	Ø 8 mm
Measuring Range	0-12.5 mm/0.5"	Application	thickness measuring
Depth of Jaw	100 mm		



## Top Precision Dial Gauges

Our **Baxlo® Top Precision Series Thickness Gauges** has been designed to measure with the highest precision a wide range of materials such as paper, paperboard, sheet, metal, leather, felt, rubber, glass, plastic films, plywood and also for measuring fast and accurately a wide variety of small parts in your workshop or quality assurance. Electronic dial gauges with millesimal reading (0,001 mm.). The digital display with its large numerals makes it very simple to use this dial gauge. Function and display section can be rotated through 270°.

### Thickness Gauge Model 4000

Graduation	0,001 mm
Measuring Range	0 - 5 mm
Depth of Jaw	35 mm
Feelers	Ø 8 mm
Application	thickness measuring



### Thickness Gauge Model 4001

Graduation	0,001 mm
Measuring Range	0 - 5 mm
Depth of Jaw	35 mm
Feelers	special for tube walls
Application	thickness measuring



### Thickness Gauge Model 4002

Graduation	0,001 mm
Measuring Range	0 - 5 mm
Depth of Jaw	35 mm
Feelers	roller feelers
Application	continuous measuring



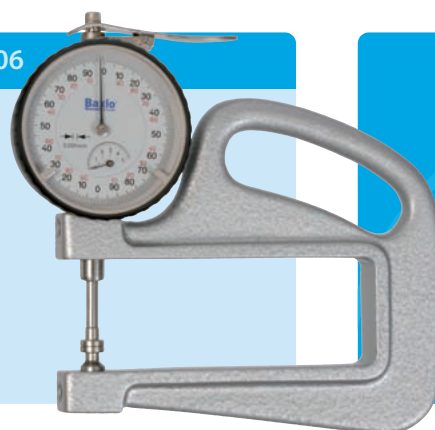
### Thickness Gauge Model 4050

Graduation	0,001 mm
Measuring Range	0 - 5 mm
Depth of Jaw	45 mm
Feelers	Ø 2 mm
Application	desktop instrument



### Thickness Gauge Model 4006

Graduation	0,001 mm
Measuring Range	0 - 5 mm
Depth of Jaw	100 mm
Feelers	Ø 8 mm
Application	thickness measuring



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# Thickness Gauges

Thickness gauges for a wide range of materials

## Digital Top Precision Thickness Gauges

**Baxlo® Top Precision Digital Series Thickness Gauges** combines the easy handling of our dial thickness gauges with the multiple functions and high accuracy provided by digital technology.

Our **Baxlo® Top Precision Digital Series Thickness Gauges** has been designed to measure with the highest precision a wide range of materials such as paper, paperboard, sheet, metal, leather, felt, rubber, glass, plastic films, plywood and also for measuring fast and accurately a wide variety of small parts in your workshop or quality assurance laboratory.

### Model 4000DIG

Resolution	0,001mm / 0,00005"
Measuring Range	0 - 12,5mm / 0,5"
Depth of Jaw	35 mm
Feelers	Ø 8 mm
Application	thickness measuring



### Model 4001DIG

Resolution	0,001mm / 0,00005"
Measuring Range	0 - 12,5mm / 0,5"
Depth of Jaw	35 mm
Feelers	special for tube walls
Application	tube wall thickness measuring



### Model 4002DIG

Resolution	0,001mm / 0,00005"
Measuring Range	0 - 12,5mm / 0,5"
Depth of Jaw	35 mm
Feelers	roller feelers
Application	continuous measuring



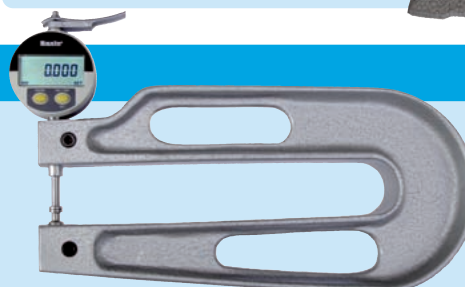
### Model 4050DIG

Resolution	0,001mm / 0,00005"
Measuring Range	0 - 12,5mm / 0,5"
Depth of Jaw	45 mm
Feelers	Ø 2 mm
Application	desktop instrument



### Model 4005DIG

Resolution	0,001mm / 0,00005"	Feelers	Ø 10 mm
Measuring Range	0-12.5 mm/0.5"	Application	thickness measuring
Depth of Jaw	250 mm		



### Model 4005DIG

Resolution	0,001mm / 0,00005"	Feelers	Ø 8 mm
Measuring Range	0-12.5 mm/0.5"	Application	thickness measuring
Depth of Jaw	100 mm		





# Dial Gauges

Outstanding precision and high durability

Our **Baxlo® Decimal Series Dial Gauges** are made with high quality components and materials in order to guarantee a long service life and great accuracy. Its robust design allows its operation even under extreme conditions.

- Wide range of applications in control rooms, production lines, routinary checking tasks, machine instrumentation and so on.
- Rotary scale for reference setting.
- Adjustable tolerance indicators
- Spindle and stem are made of resistant stainless steel
- Interchangeable feelers with normalized M 2.5 thread
- All models can be supplied with gripping lug. (Please specify on your orders)

## Decimal Series Dial Gauges

### Dial Gauge CD/1

Graduation	0,1 mm
Measuring Range	0 - 10 mm
Range per revolution	10 mm
Bezel diameter	57 mm
Normalized feeler thread	M2, 5
Normalized stem	Ø 8 h6

Can be supplied with gripping lug



### Dial Gauge CD/1-80 (big dial)

Graduation	0,1 mm
Measuring Range	0 - 20 mm
Range per revolution	10 mm
Bezel diameter	80 mm
Normalized feeler thread	M2, 5
Normalized stem	Ø 8 h6

Can be supplied with gripping lug



## Precision Series Dial Gauges

Continued on next page

### Dial Gauge CD/1

Graduation	0,01 mm
Measuring Range	0 - 10 mm
Range per revolution	1 mm
Bezel diameter	57 mm
Normalized feeler thread	M2, 5
Normalized stem	Ø 8 h6

Can be supplied with gripping lug



### Dial Gauge CC/1-30 (long travel)

Graduation	0,01 mm
Measuring Range	0 - 30 mm
Range per revolution	1 mm
Bezel diameter	57 mm
Normalized feeler thread	M2, 5
Normalized stem	Ø 8 h6

Can be supplied with gripping lug



# Dial Gauges

Outstanding precision and high durability

## Precision Series Dial Gauges

Continuation

## Top Precision Dial Gauges

### Dial Gauge CC/1-80 (big dial)

Graduation	0,01 mm
Measuring Range	0 - 10 mm
Range per revolution	1 mm
Bezel diameter	80 mm
Normalized feeler thread	M2, 5
Normalized stem	Ø 8 h6

Can be supplied with gripping lug



### Dial Gauge CM/1

Graduation	0,001 mm
Measuring Range	0 - 5 mm
Range per revolution	0,2 mm
Bezel diameter	57 mm
Normalized feeler thread	M2, 5
Normalized stem	Ø 8 h6

Can be supplied with gripping lug



## Digital Precision Series Dial Gauges

## Relojes Comparadores Serie Top Precision Digital

### Electronic Dial Gauge Model CDC (0.01 mm. reading)

Resolution	0,01 mm / 0,0005"
Measuring Range	0-12,5 mm (0,5")
Normalized feeler thread	M2, 5
Palpador normalizado	Ø 8 h6
Span of error	0,02 mm (0,001")
Data output	RS 232C compatible via interface cable with optocoupler or Digimatic
Functions	ON/OFF, Reset, Change of mm/inch resets the stored Preset value, Change of counting direction

Optional for electronic Dial Gauges

- Software for data processing  
- RS262 cable or USB  
For more information contact us



### Electronic Dial Gauge Model CDC (0.01 mm. reading)

Resolution	0,001 mm / 0,00005"
Measuring Range	0-12,5 mm (0,5")
Normalized feeler thread	M2, 5
Palpador normalizado	Ø 8 h6
Span of error	0.0005 mm. (0.0002")
Pantalla giratoria	270°
Data output	RS232C compatible via optocoupling interface cable
Functions	change units mm/INCH, change zero point for any probe position, enter a reference value other than 0.000 mm (preset), change of counting direction, possibility of measuring with two different references, store measurement (hold), change of resolution (0.001-0.01 mm.)

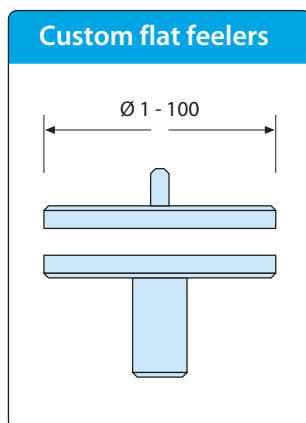


# Custom and Special Instruments

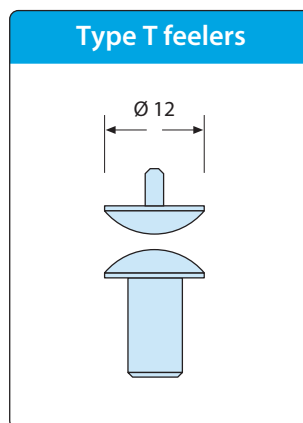
We can manufacture custom instruments adapted to any specific application

## Special Feelers

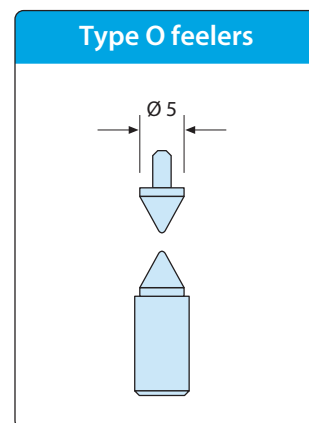
Wide variety of special feelers adaptable to any of our dial indicators or thickness gauges, which covers the maximum range of applications. Also if your needs are very specific, we can manufacture any kind of feeler adapted to your application.



*Flat surface feelers of any diameter according to customer's specifications*



*Special feelers for soft materials*



*Special feelers for curved or rough surfaces*

## Custom and Special Instruments

- In our technical department you'll find specialized personnel to help you in the design of your specific measurement applications
- It's possible to customize your measuring instruments with different dial designs. For example: your company logo, custom colors, scales for different units tailored to your special applications, etc
- We are at your disposal to help you make the more appropriate design. Do not hesitate to consult us



*Specially designed thickness gauge for cable covers*