


# Hall Effect Thickness Gauges


Determine thickness in all sorts on non-ferrous parts including complex shapes and very thin walls that are difficult to measure with other methods such as ultrasound. Measure PET bottles, glass containers, plastic drums, aluminum cans, rubbers and composite materials among others.


The hall effect probe features interchangeable titanium tips to cover different applications and a measuring range of up to 22 mm.




 Standard range  
0 to 8 mm <sup>1</sup>


 Extended range  
0 to 22 mm <sup>1</sup>


 Accuracy of 1~3% depending  
on calibration

 Interchangeable  
titanium tips

 Operates with rechargeable  
batteries

 High measuring speed

 High resistance aluminum  
enclosure

 Data output via USB,  
RS232 <sup>2</sup> and Digimatic® <sup>2</sup>

 Can be plugged in 24/7

 Memory for 32000 values

 **5 year limited warranty** <sup>3</sup>

 **The best post-sale support**

<sup>1</sup>. Depends on model, / <sup>2</sup>. The cable is sold separate., / <sup>3</sup>. On the electronic unit.

## Applications

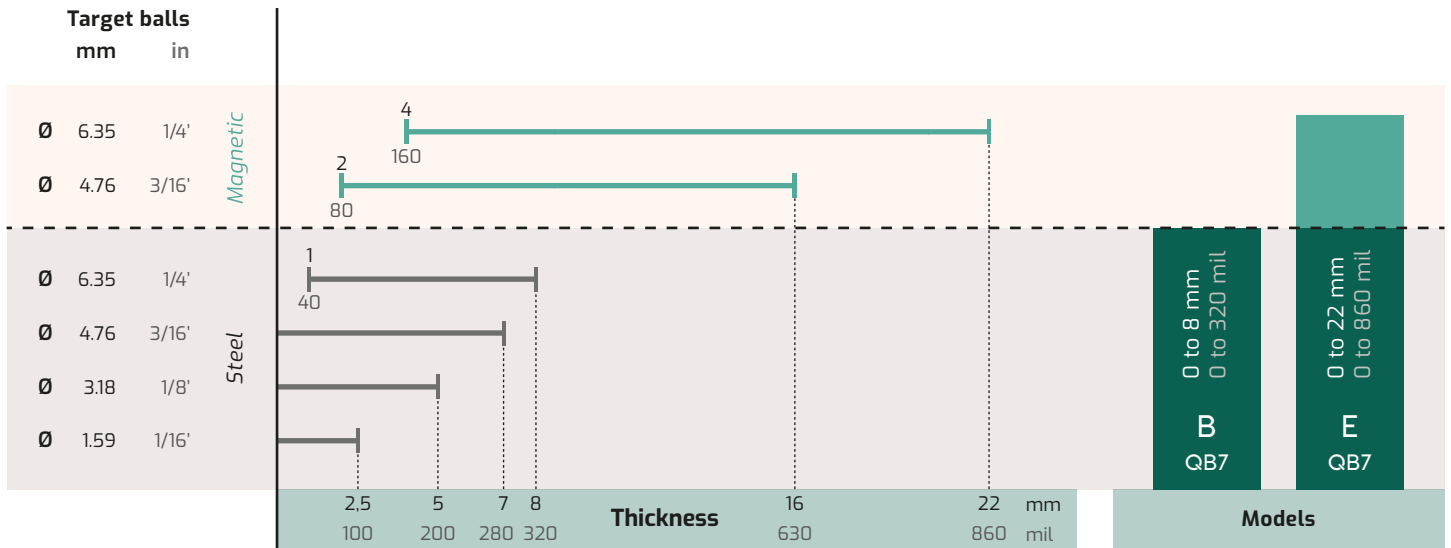
Bottles, cans,  
jerry drums, etc.

Rubber parts and  
airbag seams.

Composite and  
laminated parts.

Practically any  
non-ferrous part.

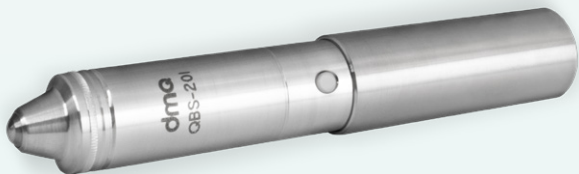
# Ranges and models



Graphic 1

## Hall effect probes

Standard or extended range probes with special high resistance titanium interchangeable tips for different applications.



### Standard titanium tip

Tip that is highly resistant to abrasion and covers the entire measuring range.

Measuring range: 0 to 22 mm

Probe: QB5201 / QB5301



### Narrow titanium tip

Tip with high resistance to abrasion used to measure irregular geometries or grooves.

Measuring range: 0 to 20 mm

Probe: QB5201 / QB5301

## Models



Models

QB7 B

QB7 E



Standard range: 0 - 8 mm



Extended range: 8 - 22 mm



## Ready to use

Delivered in a high impact carrying case, inside you will find:

- 1 QB7 electronic unit
- 2 Hall effect probe with titanium cap
- 3 Probe connecting cable
- 4 2 piece probe stand
- 5 Internal carrying case with calibration kit
- 6 USB battery charger
- 7 USB cable
- 8 Pendrive with dmq DataCenter software and users manual
- 9 Certificate of conformity



## dmq DataCenter

It's our acquisition software for PC that allows to receive, process and export the data stored in our equipment with datalogger.

DataCenter is available for download from our website at no additional cost.



Transfer data to your PC



View measurements



Create graphics



Analyze data



Export to other programs



Generate and print reports



dmq DataCenter

Available for Windows XP / 7 / 8 / 10  
in [www.demeq.com/datacenter](http://www.demeq.com/datacenter)

# QB7 Series

## Hall Effect Thickness Gauges



**dmq** | Measure  
+ Control

Instruments developed and manufactured by DEMAQ

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