



**SGM-100T**  
**Ultrasonic thickness meter**

Compact digital thickness gauge  
 Measuring ranges from 1.2mm to 225mm  
 Suitable for steel, cast iron, PVC, glass etc.  
 Measurement accuracy:  $\pm 0.5\%$   
 Battery powered

SGM-100T utilizes the transit time principle to obtain a precision measure. Thanks to the high transmission and reception efficiency SGM-100T can also measure on rough surfaces, such as cast iron, and can be used in almost all industrial sectors. SGM-100T can measure many materials thickness, eg.: Steel, cast iron, aluminum, copper, brass, zinc, glass, polyethylene, PVC, etc.. SGM-100T has the automatic switch off (after about 1 inactivity minute) to avoid undesirable energy consumption, so increasing the battery life..

**Technical Feature**

**Display**

4 digit backlighted; 48x29mm

**Range**

1.2÷200mm (Steel max.45mm)

**Resolution**

0.1mm/0.001inch

**Accuracy**

$\pm 0.5\%$

**Sonic speed**

1000 ÷9000 m/s

**Power supply**

battery 4x1.5v AAA (UM-4)

**Working temperature**

0÷50°C

**Humidity**

<80%

**Dimensions**

120x62x30mm (4.7x2.4x1.2inch)

**Weight**

164g (without batteries)

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Base	
<b>SGM-100T</b>	Measuring range: 1,2÷225mm, 0,05-9" Materials measured: any hard materials, including steel, cast iron, aluminum, red copper, PVC and other materials Lower limit steel pipes: Ø15x2.0mm, Ø20x3.0mm determined by the transducer Resolution: 0.1mm Accuracy: $\pm(.5\%n+0.1)$ Power supply: 4x1.5V AAA (UM-4) battery (not included) Backlit LCD display Operating conditions: 0 ÷ + 50°C (32°F÷104°F), <90%RH