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| MTG - Material Thickness Gauge | |  |  |  |  | | --- | --- | --- | --- | | |  | | --- | | **MTG Material Thickness Gauge** | | **Range: 0-1 inch (0-25 mm)  Resolution: 0.0001" (0.002 mm)**  The MTG Benchtop Contact Thickness Gage accurately and conveniently performs geometric dimensional testing (thickness measurement) on rubber, fabrics, foams, tapes/films and a wide assortment of other soft materials. It employs specified presser foot (feeler) of a specific diameter/area and combined with a predetermined mass (weight) as noted in the ASTM D 3767 standard.  The MTG System is supplied with a 16 mm diameter pressor foot and 212 g mass. This configuration is commonly used for measurement of all rubber materials with a hardness of 35 IRHD or below. Optional pressor foot diameters and related weights are available. Refer to details below.  The certified electronic indicator includes 3 SPC data output formats, measures in English or Metric, maximum reading hold, auto off, and left-hand lifting lever. The 6"x6"x 2" (150 x 160 x 50 mm) laboratory grade certified granite base offers a smooth and extremely hard reference plane for precise and repeatable measurments of test samples. The indicator is fitted on an 8 inch (200 mm) tall column that is easily adjusted to be positioned optimally for the specific test sample to be measured.  For those requiring data output for recording and quality documentation purposes, a serial output cable and windows-based software program is optionally available. | | | | | | | |
| **Optional Presser Foot (Feeler/Anvil) Offered**  http://www.checkline.eu/images/line.gif   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | **Presser Foot** | **"A" Dim. (mm)** | http://www.checkline-europe.com/products/126519/free_pict1.gif | | PF-1 | 10.0 | | PF-2 | 8.0 | | PF-3 | 6.3 | | PF-4 | 6.0 | | PF-5 | 5.0 | | PF-6 | 4.0 | | PF-7 | 3.2 | | PF-8 | 16.0 | | PF-9 | 25.0 | | | | |
| |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **For Materials Equal to or Above 35 IRHD**   |  |  |  |  | | --- | --- | --- | --- | | **Foot Model** | **Foot Dia. (mm)** | **Mass (g)** | **Mass Model** | | MTG-01-1 | 10.0 | 176 | MTG-03-1 | | MTG-01-2 | 8.0 | 113 | MTG-03-2 | | MTG-01-3 | 6.3 | 70 | MTG-03-3 | | MTG-01-4 | 6.0 | 63 | MTG-03-4 | | MTG-01-5 | 5.0 | 44 | MTG-03-5 | | MTG-01-6 | 4.0 | 28 | MTG-03-6 | | MTG-01-7 | 3.2 | 18 | MTG-03-7 | | MTG-01-8 | 16.0 | 452 | MTG-03-8 | | MTG-01-9 | 25.0 | 1104 | MTG-03-9 | | | | |  |  |  |  | | --- | --- | --- | --- | | **Foot Model** | **Foot Dia. (mm)** | **Mass (g)** | **Mass Model** | | MTG-01-1 | 10.0 | 80 | MTG-04-1 | | MTG-01-2 | 8.0 | 52 | MTG-04-2 | | MTG-01-3 | 6.3 | 32 | MTG-04-3 | | MTG-01-4 | 6.0 | 29 | MTG-04-4 | | MTG-01-5 | 5.0 | 20 | MTG-04-5 | | MTG-01-6 | 4.0 | 13 | MTG-04-6 | | MTG-01-7 | 3.2 | 8 | MTG-04-7 | | MTG-01-8 | 16.0 | 212 | MTG-04-8 | | MTG-01-9 | 25.0 | 518 | MTG-04-9 |   **For Materials Equal to or Below 35 IRHD** | |