

Thickness Gauge for Geosynthetics

DM 6000 GEO in accordance to ISO EN 9863-1:2016 - Part 1: single layers

Determination of thickness at specified pressures.

ISO 9863-1:2016 specifies a method for the determination of the thickness of geosynthetics at specified pressures and defines the pressure at which the nominal thickness is determined.

The test results are intended for identification purposes and for use in technical data sheets and/or as part of other test methods, e.g. tests of hydraulic properties.

The method is applicable to all geosynthetics.

Characteristics:

- Stable, rigid construction
- Separate test setup, encapsulated against external influences
- High accuracy
- Easy to use and fast operation
- Measuring range, 0 to 50 mm digital

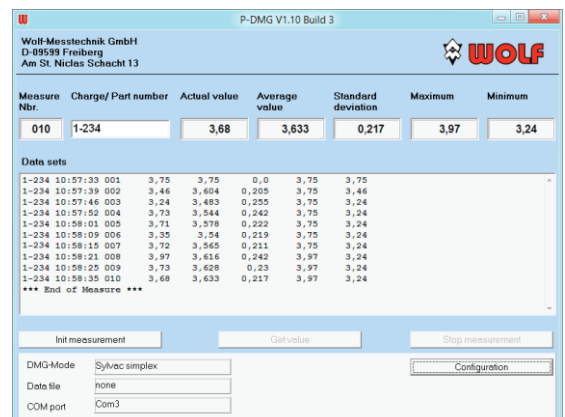


Technical specifications:

- Measuring range, 0 to 50 mm
- Measuring table Ø 120 mm
- Resolution 0.01 mm/digital
- Measuring area depth, 110 mm
- Measuring probe area, 25 cm²
- Pressure weights, 2.0, 20.0 and 200.0 kPa
- Data port USB/RS 232
- Including manufacturer's certificate

Options:

- Updates to requirements of new standards.
- Customer specific modifications for new equipment, or as retrofit, are available upon request.
- P-DMG, Windows compatible software for DM-range →



Measure Nbr.	Charge/ Part number	Actual value	Average value	Standard deviation	Maximum	Minimum
010	1-234	3,68	3,633	0,217	3,97	3,24

Data sets						
Measure Nbr.	Charge/ Part number	Actual value	Average value	Standard deviation	Maximum	Minimum
1-234 10:57:33 001		3,75	3,75	0,0	3,75	3,75
1-234 10:57:39 002		3,46	3,604	0,205	3,75	3,46
1-234 10:57:46 003		3,24	3,483	0,255	3,75	3,24
1-234 10:57:52 004		3,73	3,544	0,242	3,75	3,24
1-234 10:58:01 005		3,71	3,578	0,222	3,75	3,24
1-234 10:58:09 006		3,35	3,54	0,219	3,75	3,24
1-234 10:58:15 007		3,72	3,565	0,211	3,75	3,24
1-234 10:58:21 008		3,97	3,616	0,242	3,97	3,24
1-234 10:58:25 009		3,73	3,628	0,23	3,97	3,24
1-234 10:58:35 010		3,68	3,633	0,217	3,97	3,24

