



# GM 4W Vane test

Electric GM 4W device is from the GM own product line and designed principally for the clay rich soil.

GM 4W works stand alone or fitted on the rig. It replaces completely the manually operated vane test devices with high standard of accuracy and easiness to use.



The measuring is linear, no correction factors are needed.

## Main dimensions:

- weight: 18,5 kg
- length: 345 mm
- width: 280 mm
- height: 140 mm (240 mm included rod holder)

## Power requirements and installation:

- 12 V / 24V power source
- stand alone with the extra battery or connected to the rig power out put
- Integrated data logger, no connections to the rig needed
- Integrated memory stick, no connections to the rig needed
- Nilcon holder unit M70

## Technical specification:

- Torque 10 kg/m, electronically and program regulated
- Nominal rotation speed of 6 degrees / min, undependable of the load.
- Optional speeds of 3,12, 60 and (coming later 120) degrees / min for special measuring
- Graphic illuminated display for graphs and numbers
- Registration interval 0,5 degrees
- Measuring resolution 100 g/m
- Data storage capacity ca. 100 measurements
- Additional Data storing memory unit, 2 pcs
- Uploading for TEKLA or SGF format
- Calibration data inbuild memory
- Splash water protected (IP64)

## Main standard and optional items:

- Standard wings
- Vane cone stand with anchoring augers
- Rod holder for 20 mm or 22 mm rods
- Slip coupling; needle bearing
- storage & transport casing