



PS MANUAL

DIAGNOSTIC TOOLS

1.0 Model **MM-TA300**

2.0 Description

Smartach D Diesel Engine Tachometer



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3.0 Features

- Universal transducer clamp attaches quickly to fuel injection lines
- Low Battery indicator
- Automatic power OFF after 1 minute of no operation
- Cables 1.8m long allow RPM readings way from hot or moving parts
- For 1 to 12 cylinders and 2 or 4 cylinder engines
- Measure 200-20000 RPM on a 4½ Digit LCD display
- Advanced microcontroller technology yields 0.1% accuracy

4.0 Physical and Dimensional Properties

- Each unit weighs approximately 240 g
- Width 37 mm
- Length 170 mm
- Height 100 mm
- Carry Case dimensions 250 x 210 x 70

5.0 Performance

- LCD 4½ digit main measurement
- LCD 2 x 3½ digit for max and min measurements
- Fuel injection line up to 9mm (depending on piezoelectric pickup used)
- Battery life approximately 30Hrs
- RPM: 100 to 19999 (Accuracy 0.1% ± 1 LSD)
- Sensitivity Adjust: 1 to 10 (Default setting 5)
- Trigger Level Adjust: 20% to 80% (Default setting 50%)
- Input Impedance: 2 MΩ minimum + 100pF (Max)
- Input Protection: ± 42 VDC Max

6.0 Uses

- Ideal for Automotive Workshops

7.0 Documentation

- Bar Code Number: **9346080001836**
- Product Specification Manual – PS 196
- Work Instruction Manual - WI 196
- Product Costing Manual - PC 196

