



Digital Test Pressure Gauge

Data Logger MGA N32-2

INTRODUCTION

The MGA N32-2 combines the high accuracy of digital electronics with the convenience and ease of use of an analog test gauge. With accuracy of $\pm 0.075\%$ FS, the MGA N32-2 can be used as a calibration reference, or in applications where high accuracy pressure measurement is required.

Many user configurable functions have been designed into the MGA N32-2 including ZERO and MIN/MAX. Once the gauge is configured, settings can be locked and password protected to prevent unauthorized changes to the configuration.

DISPLAY AND CONTROLS

The diagram shows a circular digital gauge with a blue face and a silver metal body. The gauge's display shows the following information: '400 Bar' at the top left, 'Digi Gauge MGA N32-2' at the top right, 'NORMAL MODE BRT 84%' at the top of the display, a large central reading of '03.0988', 'Kg/cm2' below it, 'MIN : -00.0009' at the bottom left, 'MAX : 03.1560' at the bottom right, and '2%' at the bottom center. Below the display are five control buttons: 'ON/OFF', 'UNITS', 'ZERO', 'MIN MAX CLR', and 'ESC CAL'. Five callout boxes with numbered dots point to these buttons: 1. ON/OFF, 2. UNITS CAL, 3. ZERO, 4. Min Max CLR, and 5. ESC CAL.

1 ON OFF Turns the gauge 'ON' or switches it 'OFF'.

2 UNITS CAL Using this key you can toggle through the different pressure scales (**Kg/cm², BAR, PSI, KPa, InHg, InWc, mmHg, mmWc, Pascal**). The availability of scales depends on the maximum range.

3 ZERO In open input condition this key will set display to zero.

4 Min Max CLR This key displays **MIN/MAX** pressure values.

5 ESC CAL This key lets the user enter the calibration mode.

SPECIFICATION

Display	Large Graphic Display (128 x 64) with backlight.
Accuracy	± 0.05 % FS
Power	7.5 VDC internal alkaline battery AAA size (5X1.5) Pre installed. Battery Life 600 hours
Low Battery	Battery life displayed in %
Over Pressure Protection	125 % of specified range
Types of Pressure & Media Compatibility	Gauge, Absolute and Compound Non corrosive dry gases or liquid compatible with SS 316 stainless steel
Available Standard Engineering Units	kg/cm ² , bar, psi, kPa, inHg, in Wc, mmHg, mmWc, mbar, Pascal Refer resolution table for further details
Environmental	Storage : 20°C to + 70°C Operating : 25°C to + 45°C
Pressure Connection	¼ " BSP Male (Other on request)
Housing	Aluminium anodized case size 91mm (dia) x 34mm(d)