

DIGITAL PRESSURE GAUGE

MGA N32-2

OPERATING MANUAL



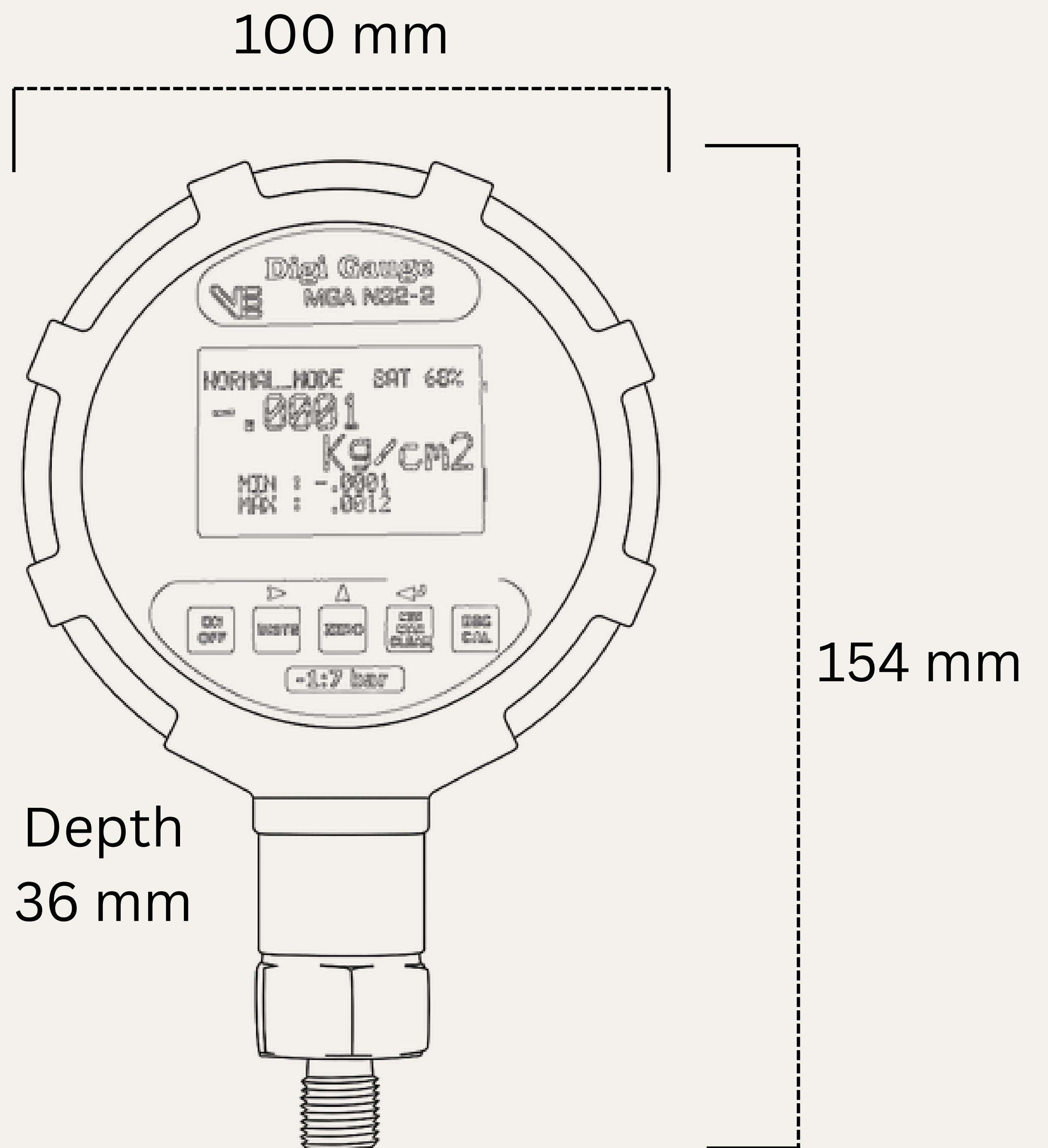
INTRODUCTION

Introducing our state-of-the-art digital pressure gauge, engineered for unparalleled precision with an accuracy of 0.05% Full Scale (FS). Designed for reliability and consistency, this gauge ensures accurate pressure readings, making it the perfect tool for professionals who require the highest standards in measurement performance.

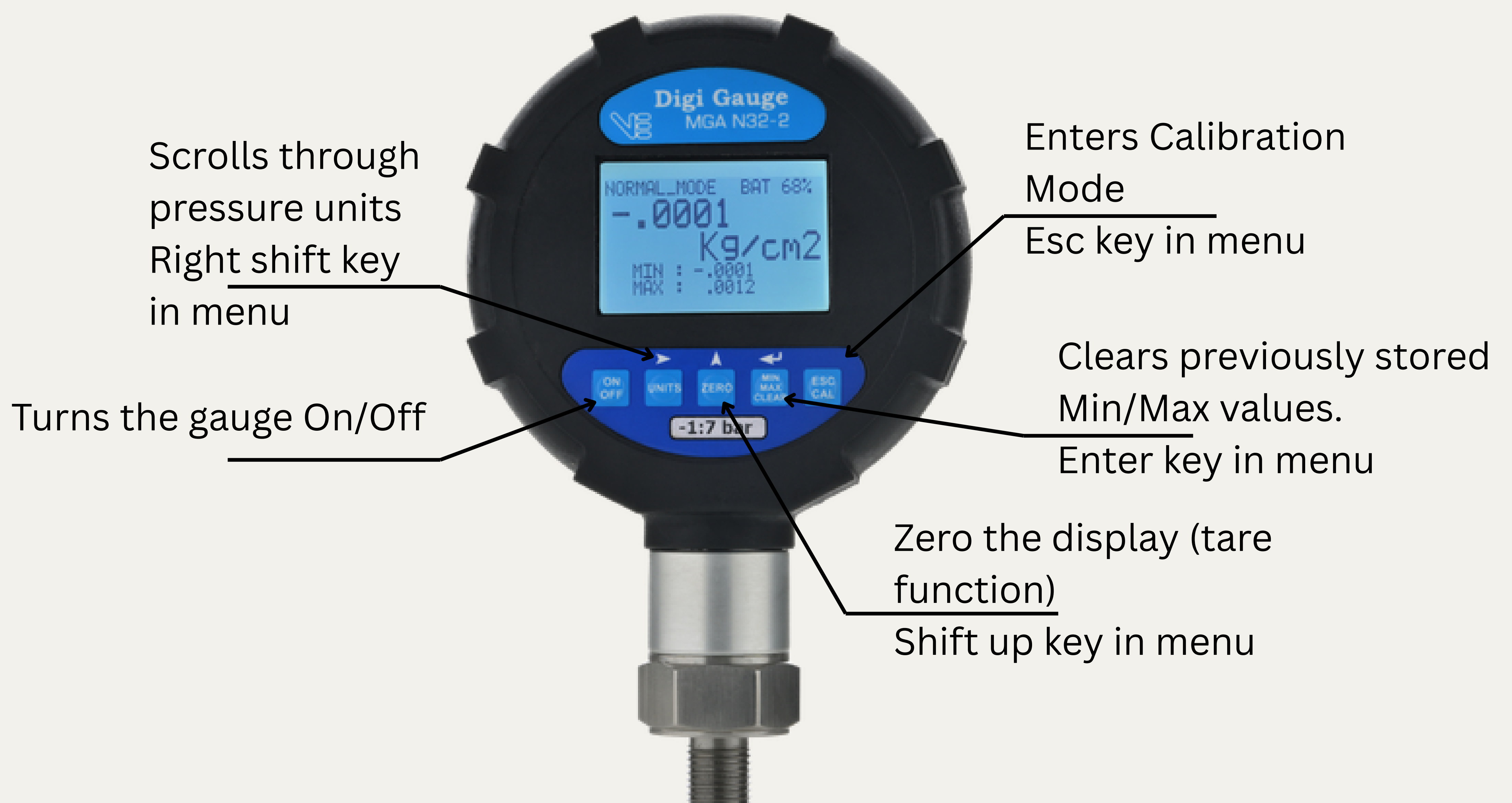
SPECIFICATIONS

Accuracy	0.05% Full Scale (FS) upto 1000 bar
Display	128x64 Backlit Graphic Display (Battery % and Min&Max displayed)
Pressure Units	kg/cm2, bar, psi, Pa, kPa, mmHg, mmWc/mmH2O, inHg, inWc/inH2O, mbar
Pressure Media	Depends on Sensor used SS304 for 2 bar and above Dry Air only for low pressure applications
Process Connection	1/4 “ BSP
Power	Battery Operated (5 x AAA batteries, Sony LR03 or equivalent)
Battery Life	Approx. 90 hours
Low Battery	Battery life displayed in percentage

INSTRUMENT DIMENSIONS



KEY FUNCTIONS

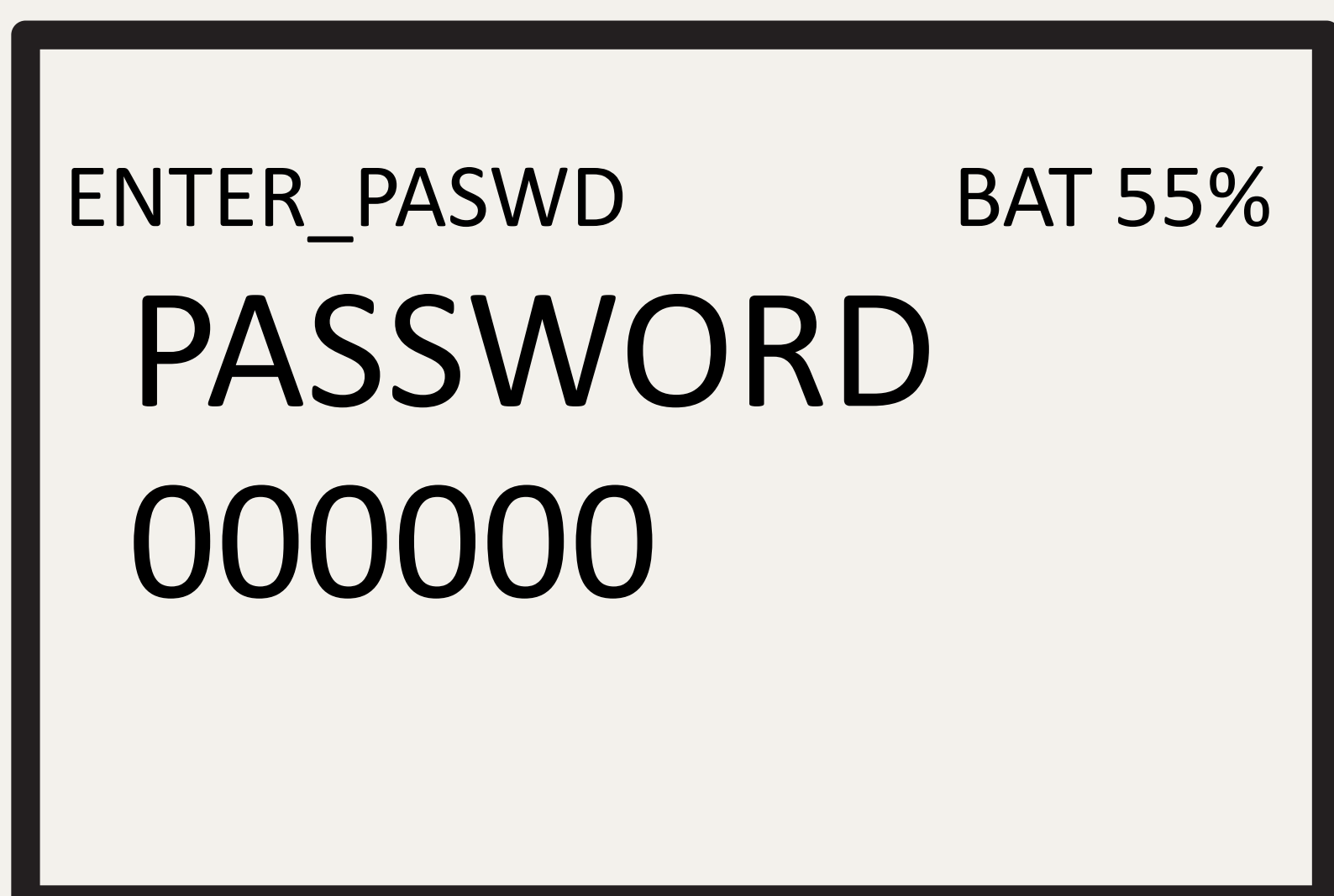


CALIBRATION PROCESS

This feature allows the customer to calibrate the MGA N32-2 at their own facility if any deviation is observed during use. It is especially helpful for users who have the necessary equipment to perform the calibration themselves.

1. Enter Calibration Mode

- Switch on the gauge and press the **ESC** key.
- The display will prompt for a password. The factory-set default is **000000**.

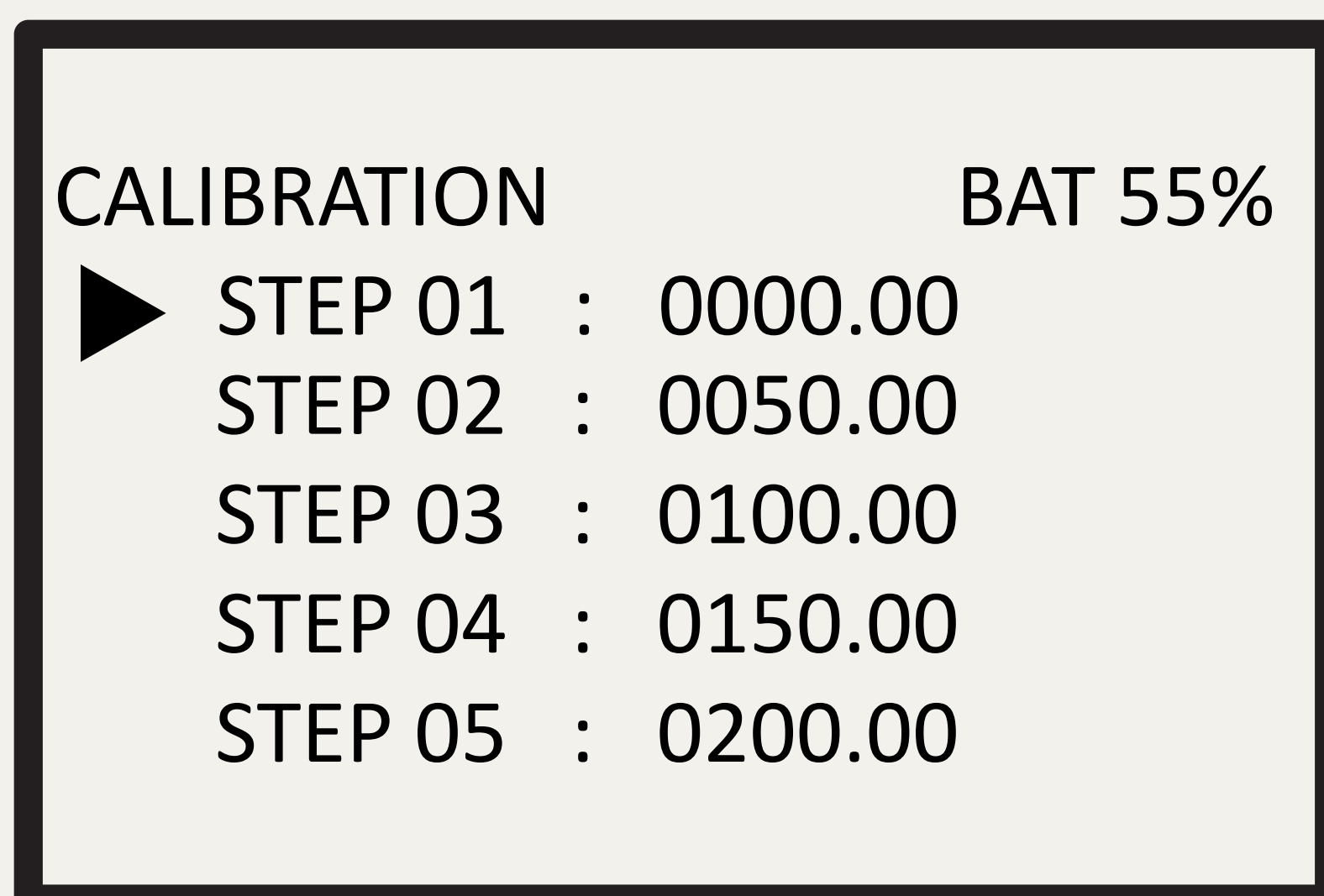
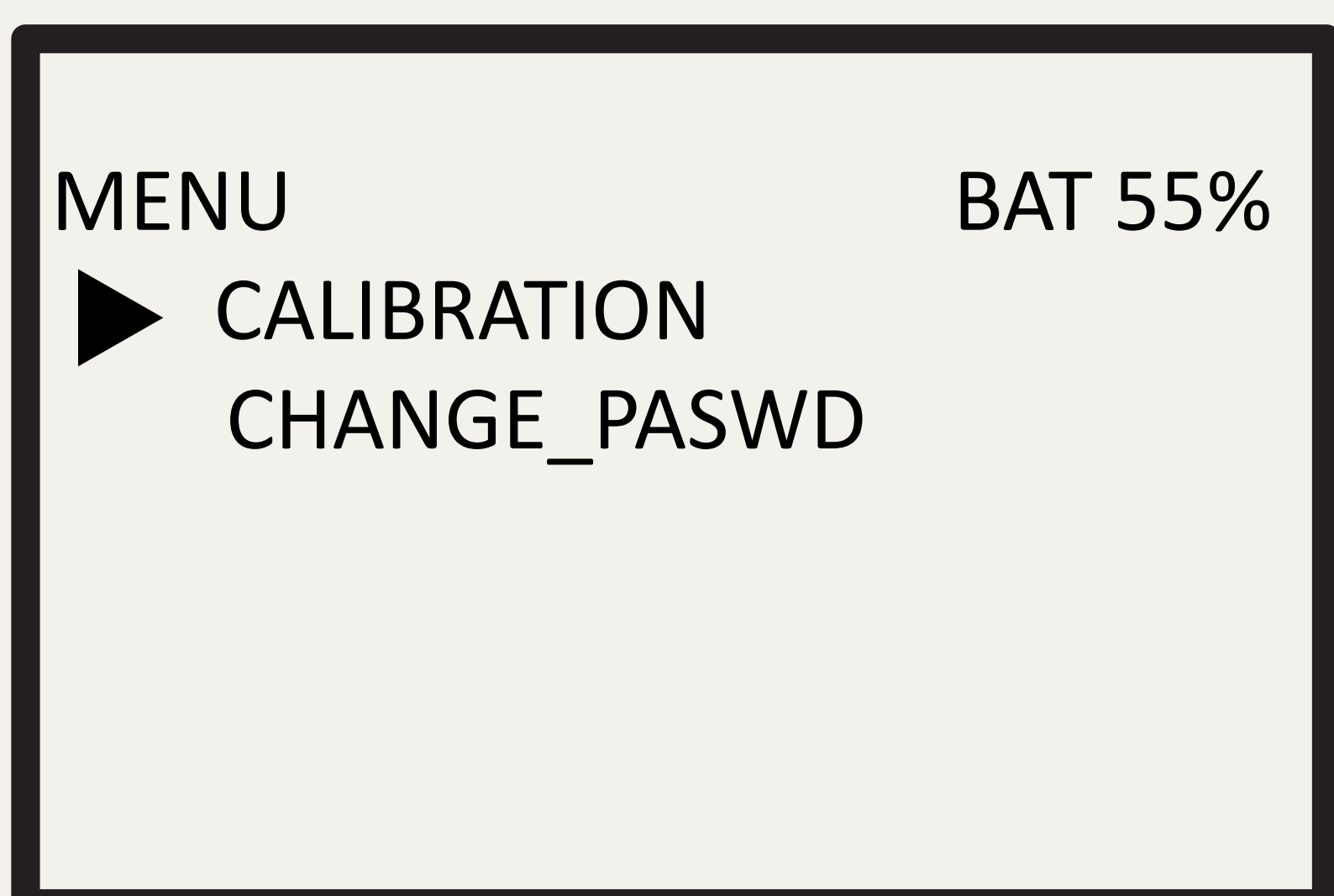


2. Enter Password

- If the password has not been changed, simply press **Enter** to proceed.
- If you have set a custom password, use the **UNITS** (Shift Right) and **ZERO** (Shift Up) keys to enter it, then press Enter.

3. Access Calibration Menu

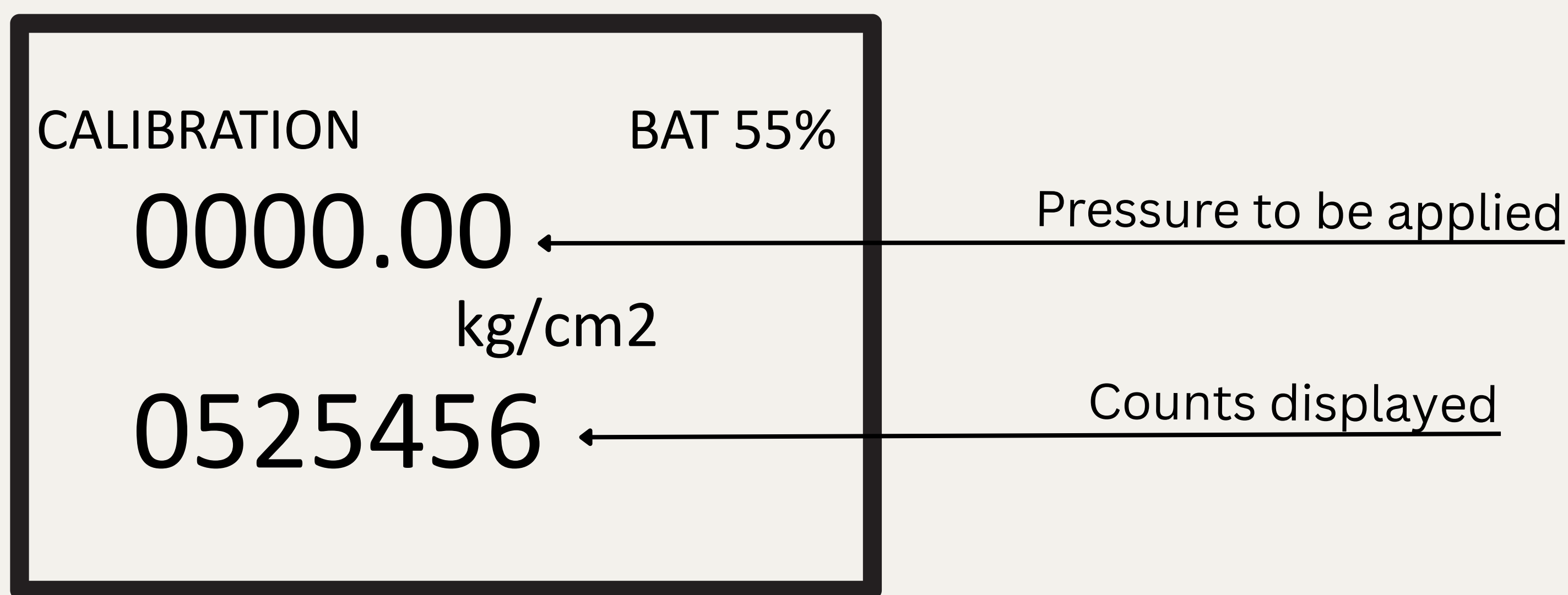
- After entering the correct password, the screen will display a menu with the options “Calibration” and “Change Password.”
- Press Enter on Calibration to enter the calibration mode.



4. Apply Pressure Point

The screen will display a list of pressure points to be calibrated. Select Step 01 and press Enter to begin the calibration process.

- Apply the shown pressure using your reference equipment.
- The gauge will display sensor counts that fluctuate.
- Wait until the counts stabilize, then press Enter to confirm the reading.



5. Repeat for All Calibration Points

After pressing Enter in the previous step, the gauge will return to the list of pressure points to be calibrated. Use the **ZERO** or **Up** key to move to the next point, then press Enter to select it and repeat the calibration process.

6. Exit Calibration Mode

- After the final calibration point, press the **ESC** key to exit.
- Press **ESC** key again to return to the main pressure display screen.

CHANGE PASSWORD

1. Enter Password Mode

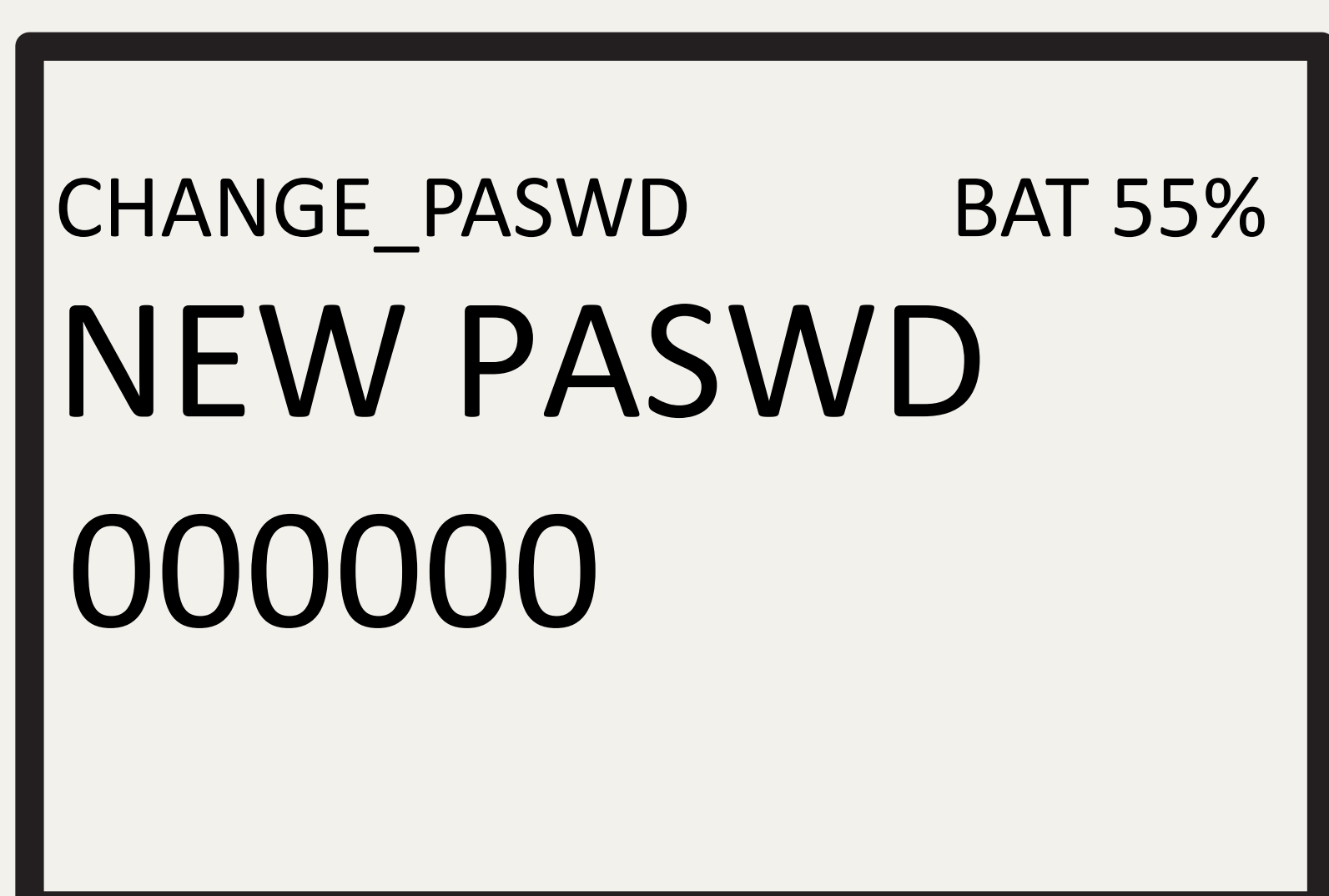
- Switch on the gauge and press the ESC key.
- The display will prompt for a password. The factory-set default is 000000.

2. Enter Password

- If the password has not been changed, simply press **Enter** to proceed.
- If you have set a custom password, use the **UNITS** (Shift Right) and **ZERO** (Shift Up) keys to enter it, then press Enter.

3. Access Password Setting

- After entering the correct password, the screen will display a menu with the options “Calibration” and “Change Paswd.”
- Press the ZERO (Up) and press ENTER on the “Change Paswd” option.



4. Set New Password

After entering the Change Password option, the display will show 000000. Use the Up button to change the digit and the Shift key to move to the next digit. Once you have set your desired password, press Enter to save the new password.

SCAN QR CODE FOR CALIBRATION TUTORIAL VIDEO



CONTACT US FOR FURTHER DETAILS



+91-9316743396 | +91-9825161223



spatil@vijayenterprises.in | contact@vijayenterprises.in



A-202 Arihant Supermarket, Opp SBI Lalbaug, Manjalpur, Vadodara,
Gujarat 390011