

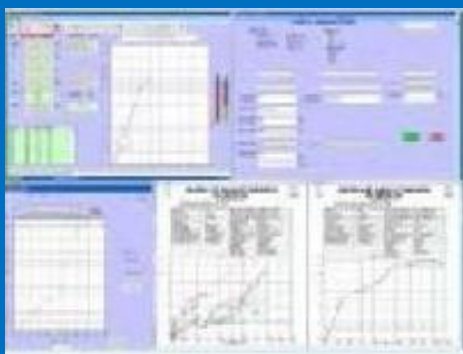
## Load Cells

Type	Image	Capacity	Technical Specification
"S" Type		10 Kg to 20 Tons	Rated Output (mV/V) - 2.0002 Non-linearity (% FS) - 0.020 Hysteresis (% FS) - 0.020
Compression Type		50-500 Tons	Repeatability (% FS) - 0.020 Creep (% F.S/30 min) - 0.019
Button Type		100 Kg to 100 Tons	Temp. effect on zero (% FS/10°C) - 0.016 Temp. effect on span (% FS/10°C) - 0.019 Zero balance (% FS) - ±1
Shear Beam Type		10 Tons to 50 Tons	Input impedance (Ω) – 350 ± 5 Output impedance (Ω) – 350 ± 5
Platform Type		1 Kg to 1 Ton	Insulation resistance (MΩ) - ≥ 5000 (50 V DC) Excitation voltage (V DC) - 9~12 Allowed excitation voltage (V DC) - 5~18
Pan Cake Type		50 Kg to 50 Tons	Compensated temp. Range (°C) - 10°C~+ 40°C Operating temp. Range (°C) - -20°C~+55°C Safe overload (% FS) – 120 Ultimate Overload (% FS) – 150

# Load Indicators & Data Acquisition Systems

## Image

## Technical Specification



### Digital Indicators:

- Application Suitable for multiple physical parameters.
- Display 5 / 6 Digit 7 Segment display.
- Input Any Strain gauge based sensor / transducer.
- Calibration Multi (10 points) Calibration for Non Linear Applications.
- Output 2 Set point Relay output / 1 Relay output
- Function Unit conversion & Peak hold function.
- Keypad 4 keys to enter parameters.
- Optional RS232 Port for computer interface and Modbus485

### Data Acquisition Systems:

- Application Suitable for Compression / Tensile Testing Machines.
- Display 20 x 4 lines LCD with backlight.
- Inputs Strain Gauge type for Load Cell / Pressure transducers. Optical Encoder for DISPLACEMENT.
- Calibration Auto Calibration for Load & Displacement.
- Output Start Relay output in OFF/ON mode.
- Protection Against Over load & over travel.
- On Screen display Breaking Load & Displacement.
- Memory to Save 255 sample results.
- Extra facilities Unit Conversion, Data printing & Date and Time.

### Contact us:

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