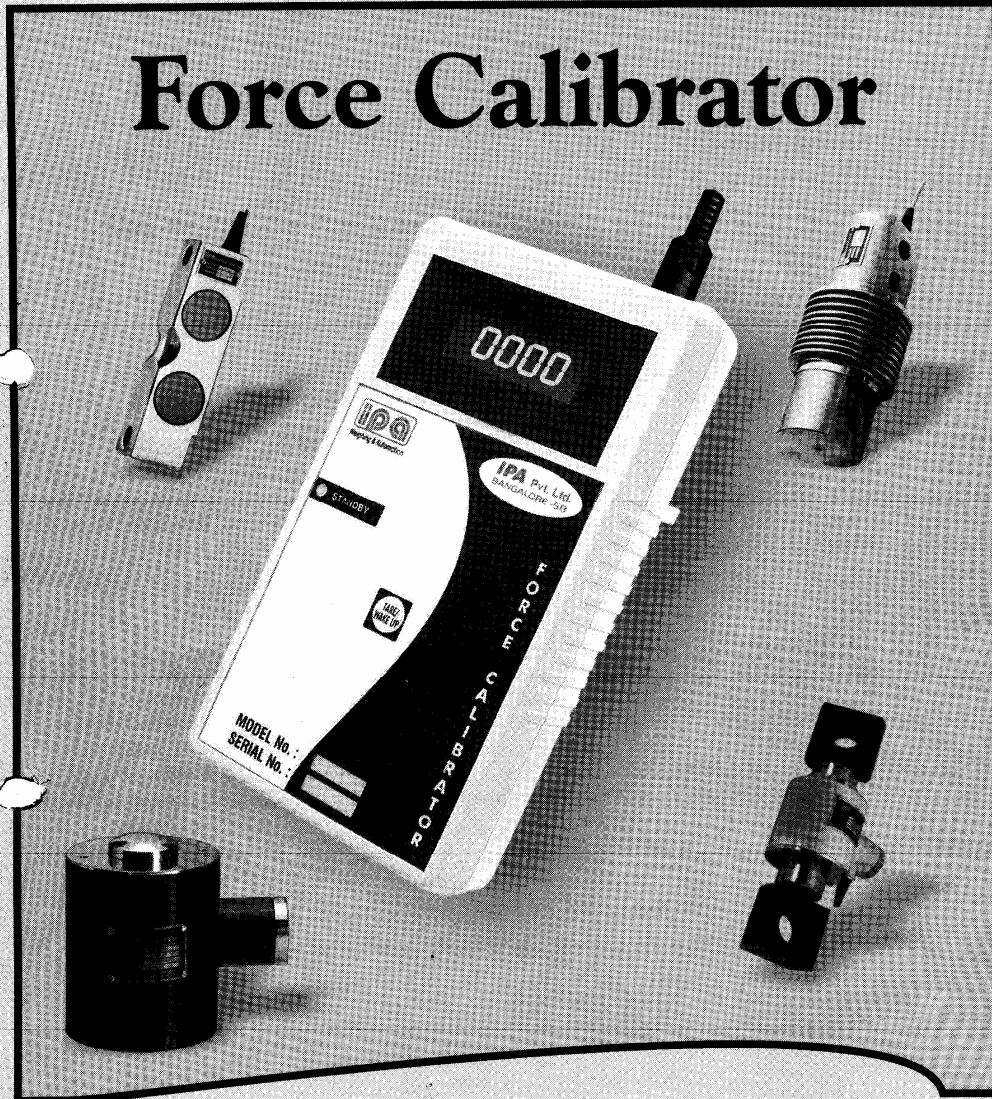


Catalogue No.: CT 801 IO



Weighing & Automation

Force Calibrator



Applications

- Calibration of Universal Testing Machine
- Calibration of Hydraulic Press
- In-situ Weighing of Heavy Objects

FORCE CALIBRATOR

Force Calibrator (CL 145 AO) is designed to revalidate a loading system (UTM) or a Hydraulic Press from time to time. It consists of a precision load cell/Pressure Transducer connected to a hand-held indicator, which works on a single 9V battery with a 7 segment 10mm height, LCD display. To increase battery life a sleep mode has been incorporated. The indicator goes into a sleep mode if there is no change in reading beyond 5 counts within a span of 15mins, thereby increasing battery life. The sleep mode can be revoked without any change in reading subject to load being held constant.

Technical Specifications :

Transducer	:	IPA make 7 Tonnes high precision Shear Beam Loadcell with 20mV full scale output
Range	:	10,000 counts
Display	:	7 segment, 10mm height, LCD display
Low battery Indication	:	L bAt
Repeatability	:	1 count in FSR
Operation Temperature	:	5°C to 45°C
Power Supply	:	9V battery - PP3 / 6F22
Battery life	:	Minimum of 15 hours continuous operation
Stand by indicator	:	Audio (buzzer) and visual (LED)

Note ; 7 Tonnes special loadcell is the standard used in Force Calibrator. In case required other capacities of loadcell can be supplied. Pressure Transducers also can be supplied if required for Calibration of Hydraulic System.

RANGE OF PRODUCTS

- Strain Gauges
- Load Cells
- Pressure Transducers
- Torque Transducers
- Piezo Electric Accelerometers
- Level Sensors
- Vibration Switches
- Vibration Meters
- Field Programmable Indicators
- Tank/Hopper/Silo Weighers
- Lorry Weigh Bridges
- Hook on Crane Scales
- Batching Systems
- Crane Weighing Systems
- Electronic Scales
- Trip Safe
- Belt Weighers
- Weigh Feeders
- Loss-in-Weight Feeders
- Differential Feeders
- Check Weighers
- Online Weighing Machines
- Filling Machines

We also undertake custombuilt systems.

Due to continuous up-gradation specifications are subject to changes.



Weighing & Automation

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