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Core Lab



# Force Sensor Calibration Bench 100 kN, BECFD 100 Datasheet

**Extreme Precision/ Force Calibration & Testing**



## Calibration Bench of Strength Sensors -BECFD 100



Specifications	
Jack Stroke	50 mm
Force	100 kN
Rate	0.01 N/s to 100
Control Software	Falcon®
Optional	Adapters for tests and torque sensor calibration ( until 100 Nm)
Particularities	Calibrated Sensor

### General Features

This equipment is 100 kN press with compression or traction. It serves for testing either the action force sensors or the torque sensors thanks to specific adaptors transforming a linear movement into a rotary movement.

The device can proceed to automated tests thanks to the motorized pump which enables jack pressure. This pump is driven by an electric cabinet or by a computer through FALCON® software.



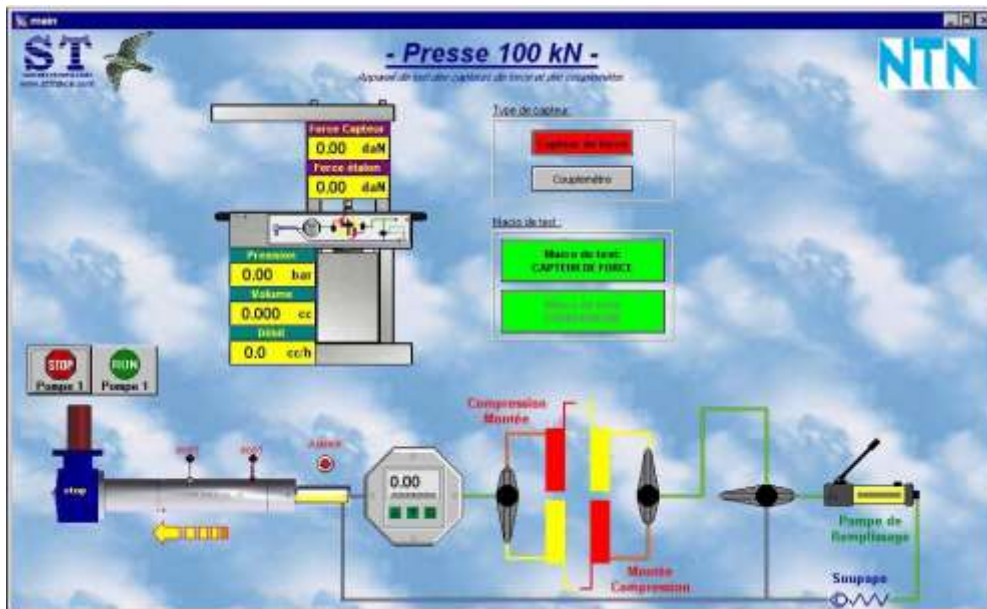
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With it, it's possible to log the values of the different parameters (pressure, volume, flow rate, temperature, force or torque).

Functions of the press:

- Ramp force or torque
- Constant force or torque
- Pressure or torque steps

Example of synoptic



Torque Sensor System