CENTOR Manager

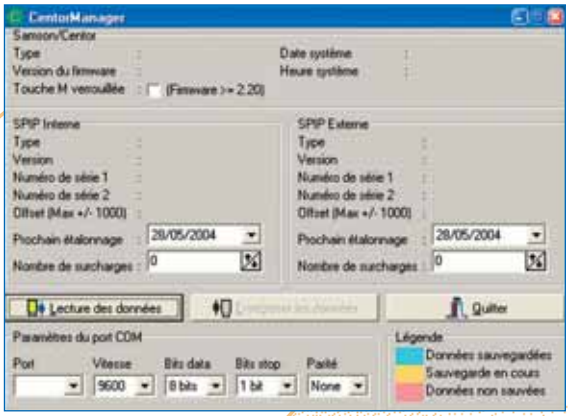
CENTOR Manager is a simple, user-friendly utility that enables you to communicate with your CENTOR Easy, Star or Dual memory.

It enables you to:

– modify the calibration date,
– reset the overload counter to zero if the sensor has not been damaged,
– block access to the menus and configuration.

The CENTOR configuration indicator is thus frozen and protected from any unwanted or inadvertent manipulations.

Requires a CNR CB RS2 connecting cable.



RSIC

With **the RSIC data acquisition software**, you can record your measurements directly using MS Excel. It makes it easier to record results and ensure traceability and processing; these are the main reasons for using this simple yet powerful software. Based on the modularity principle, RSIC is a gateway between any type of instrument equipped with an RS232 output and an MS Excel file. The values measured by the instrument are inserted into the spreadsheet cells. The operator can process the data as desired, using the spreadsheet functionalities.

Several modules are available and can be combined:

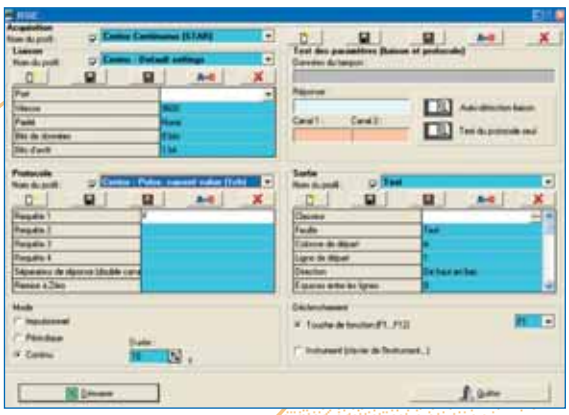
– **Port programming module: speed, parity, etc.**
Special function: RSIC instantly recognizes the ports available on your PC, and it automatically detects parameters.
– **Instrument programming module: transmission of the command needed to trigger a response from the instrument.**
Special function: RSIC can carry out a sequence of several requests to receive values of different types, if the instrument is able to supply them, possibility of use with twin-channel instruments.
– **MS Excel file definition module: file name, direction of cursor movement during data capture.**
Special function: The Excel cursor can be repositioned during data capture.

RSIC is supplied with modules prepared for instruments in the CENTOR family (force gauges and torque gauges, Easy and Star):

– capture and insertion of the current value, or the peak value in MS Excel, by pressing a key;
– capture and insertion of the current value in MS Excel continuously during a given period;
– capture and insertion in MS Excel of the graph curve as shown on the display (Star and Dual only).

And for the CENTOR Dual: identical modules for the value pairs transmitted via the 2 channels.

Requires a CNR CB RS2 connecting cable.



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Software

Connecting cables

Basic cable
RS232 cable for CENTOR Easy, Star and Dual:
link between the instrument and a computer via the RS232 port.
CNR CBRS2

RS232 cable for Centor First:
with send button
CNR CBRS2XS

Analog cable
For CENTOR Easy, Star and Dual: link between the instrument and an analog plotting table.
CNR CBANA

Stop cables
Between CENTOR Star and Dual and the STENTOR test stands: with stop or reversal functions on force set points.
CNR CBST

Trigger cable
To freeze the force on the display upon external action
CNR CBTOP

Combined cable
RS232 cable and pedal on set point: enables the use of the RS232 output and can stop a stand at a predefined set point.
CNR CBRSA

Junction box
The junction box can simultaneously use the RS232 output, a pedal and the set point stop.
CNR CBTTR

Adaptator
The USB/RS232 adaptor: allows communication between Centor instruments through a USB port. All of the functionalities of the RS232 output are available.
This adaptor is also compatible with the RSIC data acquisition software.
CNR USB

Pedals

Pedals
Pedal for CENTOR Easy, Star and Dual:
This simulates a keystroke and can perform one of the following functions: RAZ, TDX, etc.
CNR CBPDL

Combined cable
RS232 cable and pedal
for CENTOR Easy, Star and Dual
Enables simultaneous use of the pedal and the RS232 output.
CNR CBPDY

SD card reader

SD memory card reader for the Centor Star and Centor Dual digital graphic force gauges. This new device makes it possible to save the values measured by the force gauge and then read them over on a computer for further processing. The number of values or graphs which can be stored depends only on the card's capacity. For example, a 16 MB card will store over 200 graphs. Also, a software utility provided with the card reader can help prepare test configurations: The values for the limits, the types of calculations, the values sent via RS232, and the statistical settings for the test to be prepared can be set… When the card is placed in the reader, the new settings are read, recognized and applied directly to the force gauge, without any action from the operator.
DATASTICK

Circuit breaker

EMERGENCY BOX
Developed for the design and construction of test benches, this box uses the capabilities of CENTOR force gauges and torque gauges in order to ensure the safety of the equipment.
When the set point function is activated, the box will immediately turn off the 220 V power supply upon reaching a preset force or torque.
For ease of use, a pilot light indicates the status of the box.
It is a simple accessory that increases the possibilities of CENTOR instruments.

Statistical printer

A small thermal printer to record the main statistical calculations and keep a print-out of batch measurements. Sold with a mains power adaptor and a roll of paper.
MTT DP1HS

Requires a CNR CB DG connecting cable.

DIGIMATIC cable for CENTOR Easy, Star and Dual:
link between the instrument and a Mitutoyo statistical printer.
CNR CBDG