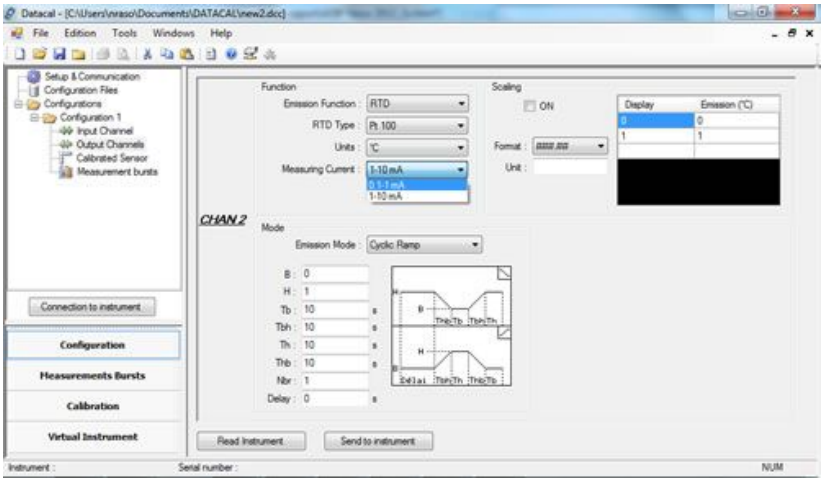


DATACAL

Calibration software for configuration and data management

DATACAL is an easy-to-use yet powerful metrology calibration software allowing both AOIP instruments to be configured and calibration procedures to be fully automatised.

- Easy and comprehensive configuration of instruments
- Calibration data management
- Edition of comprehensive and customizable calibration reports
- 21 CFR Part 11 compliant

Description

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Specifications

Instruments supported by DATACAL

CALYS 75 / 100 / 150

THERMYS 150

TC 6621 / 6622

TM 6602 / 6612 / 6630

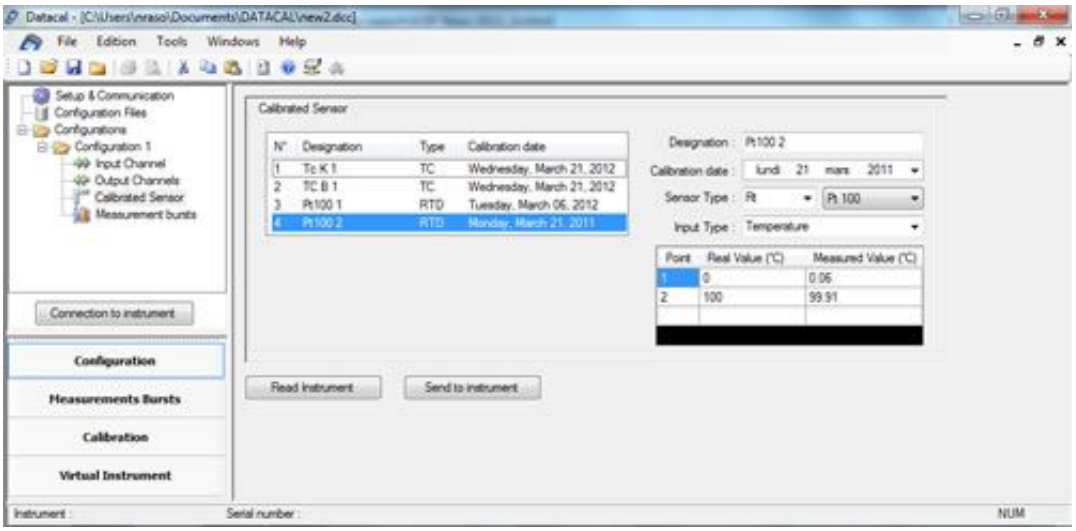
CALYS 60 / 80 / 120 IS

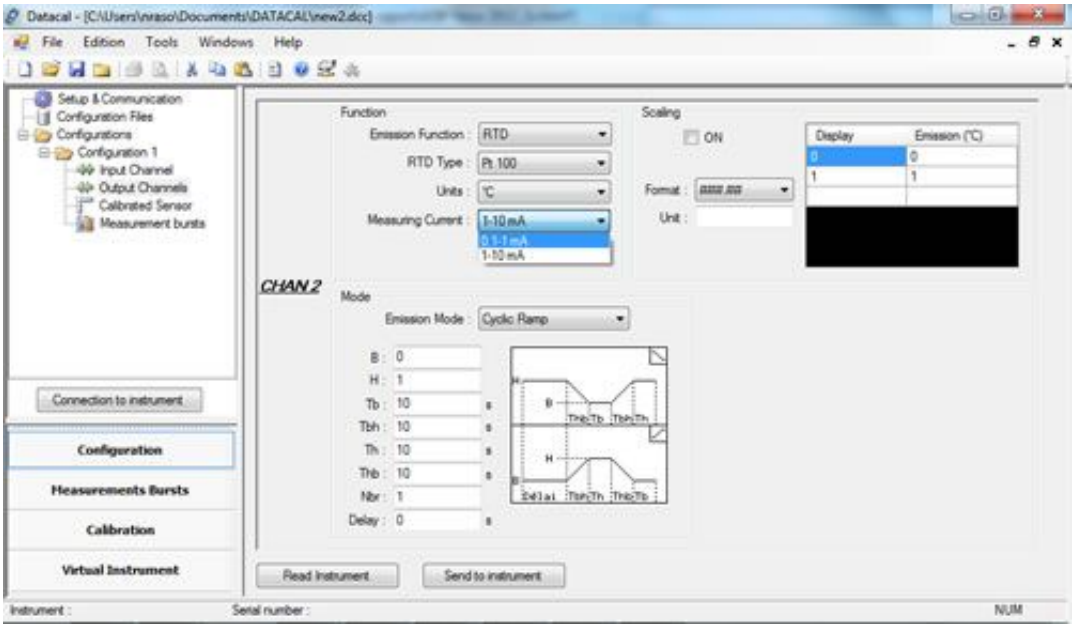
Instrument configuration

The instrument can be 100% configured using DATACAL interface:

- Input channel: quantity measured, type of sensor, scale, scaling value, display parameters, unit, tare, tare value
- Output channel: quantity measured, period, start point, repeat function, ramp and steps function
- Sensors: name, date of last calibration, type, unit, calibrated values
- Measurement bursts: number of measures/burst, sampling period, trigger parameters, number of samples, frequency…
- Calibration procedures: number and values of set points, calibration types…

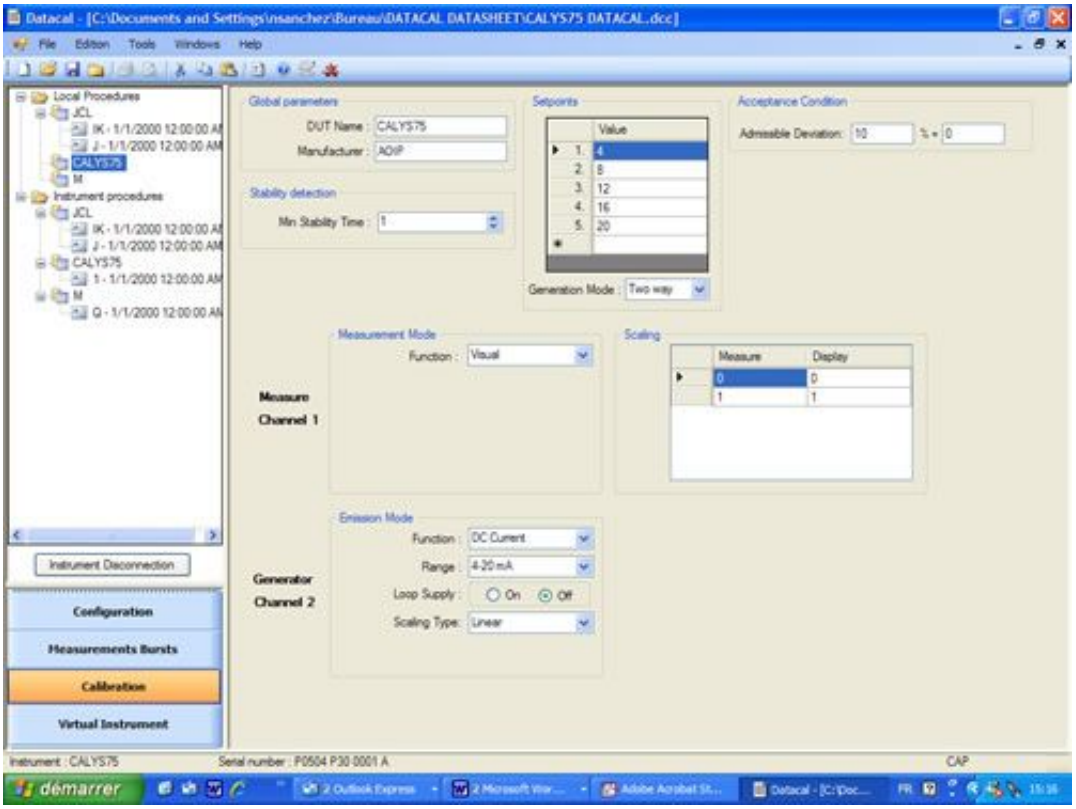
User can create, modify and store on computer an unlimited number of configurations and calibration procedures.





Data management

- Real-time processing of data
- Graphical and table display and monitoring of data
- Storage with unlimited capacity
- Easy printing of data
- Export all the data to spread sheets as .xls or .asci
- Erase data from device



Calibration

100% paperless calibration procedures

Create calibration procedures directly with DATACAL and define:

- The calibration method
- The channel type
- The measurement or simulation function
- The adjustment set points
- The sequence mode

Issue your own customized calibration certificates

After calibration, the report is sent back to DATACAL for processing :

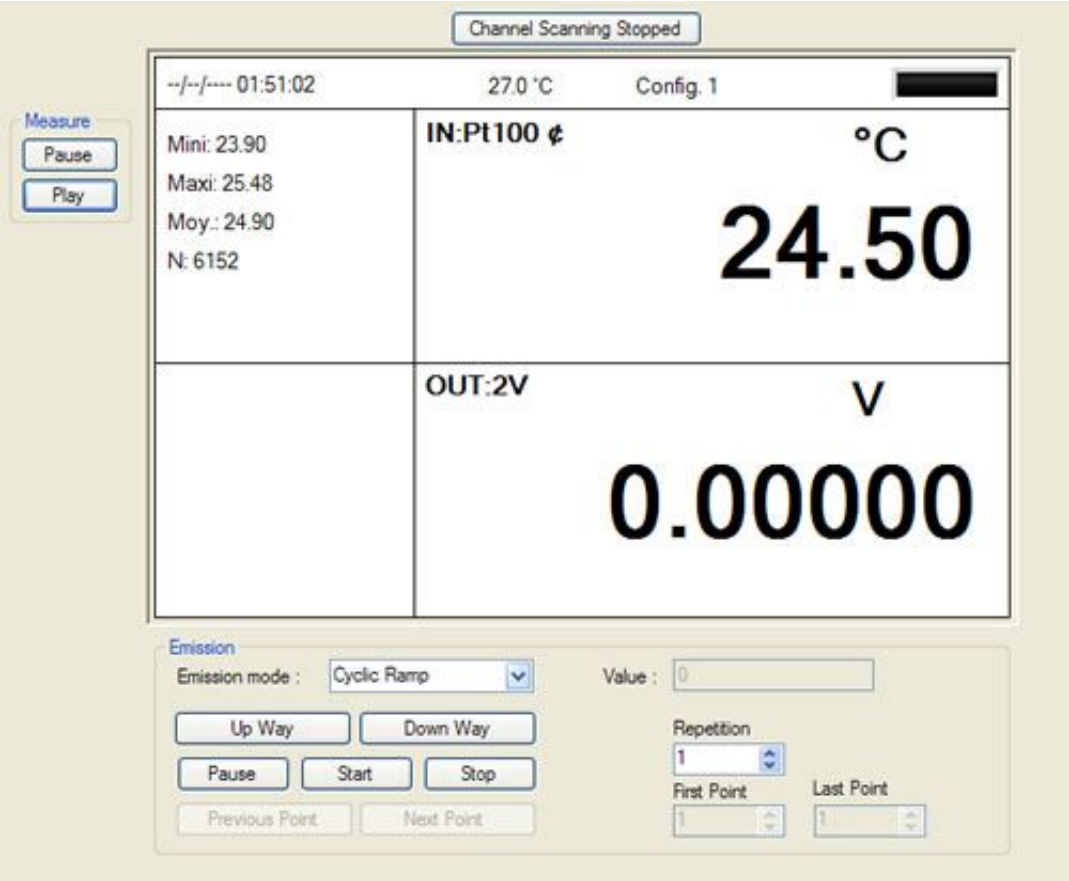
Unlimited number of calibration procedures and reports stored on computer

Virtual instrument

For real-time visual monitoring of the instrument

Use the Virtual Instrument to:

- display real-time values
- launch and stop simulations
- detect faults immediately



Compliance to 21CFR part11 - FDA Standard for pharmaceutical industry

DATACAL software can be configured to fulfil all the 21 CFR part 11 requirements:

- Security Management: login, password, 3 levels of rights (Administrator, Super-User, User)
- Audit trail: All the events are recorded in a protected file: connections, disconnections, alarms appearance/clearance, configuration modifications, results readings...

Driving temperature comparison calibration

With their dual input channels, CALYS 150 and THERMYS 150 are able to drive ISOTECH and HART dry blocks and temperature baths. DATACAL allows you to monitor the process directly from computer:

- Create and store the calibration procedure with DATACAL
- Download the procedure to the instrument
- Launch the calibration process
- Upload the calibration results from the instrument to DATACAL
- Create a calibration report

General specifications

Minimum hardware configuration	- PC computer with Windows® 98, Me, 2000 Service Pack 3, XP Service Pack 2, Server 2003, Vista - 10 Mb of avalaible disk space - Minimum display resolution 800 x 600 minimum (1024 x 768 recommended) - An available USB serial port
Use with several instruments	If DATACAL has to communicate with several instruments, the latter can be connected to the various USB ports available.
Software license	DATACAL grants a fully functional trial license for a period of 30 days from the date of first installation. The number of remaining days is displayed at the bottom of the About DATACAL dialogue box. DATACAL is copy-protected by a user license system which allows software installation on only one computer. To install DATACAL on several computers, several licenses must be purchased.

Models and accessories

Software:

DATACAL Calibration management software for CALYS 75 / 100 / 150, THERMYS 150 and CALYS 60 / 80 / 120 IS

Delivered in standard with:

- USB cable

DATACAL Calibration management software for TC / TM

Delivered in standard with:

- Mini-USB cable

Additional license:

LICDATACAL Additional license for DATACAL