ST200PT

THE ONE TOUCH INSTRUMENT

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ST200PT

THE ONE TOUCH INSTRUMENT

Extraordinary for its automation level, **ST200PT** is proposed on the market as most innovative instrument for test on gas pipelines. Few steps for the use, best technology in terms of electronic and excellent performances in terms of precision and repeatability, make **ST200PT** an instrument indispensable for everyday work.

Thanks to its internal flash memory, it is possible to store both technician names that work with instrument and costumer database. In this way, it will be possible to associate the tests to the costumer and the technician that who makes the control for a perfect traceability for each performance.

The instrument is supplied complete of **a sturdy IP67 watertight suitcase**, containing all connections suitable to the connection on pipes and into **ST200PT/S** model is included also **IR infrared printer** where it is possible print all test results.

Data transmission is possible also via Bluetooth+Wi-Fi (optional) or with USB output type C.

It is possible store tests on the microSD memory card (not supplied).

Data logger function, touch colour graphic display and rechargeable lithium battery also externally, complete the panorama of the instrument.

ST200PT performs the gas plant leak test in a completely automatic way: just to turn it on, select the desired test and wait for the result.

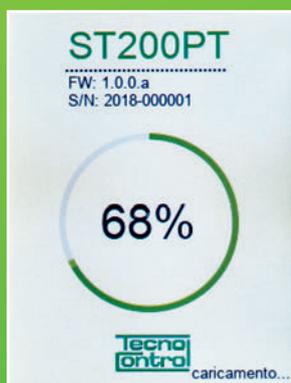| USB TYPE C DOOR | Wi-Fi + BLUETOOTH (OPTIONAL FORM) | COLOR TOUCH SCREEN | IR DOOR | INTERNAL FLASH MEMORY | LITHIUM BATTERY | DATALOGGER | MICROSD (NOT INCLUDED) |

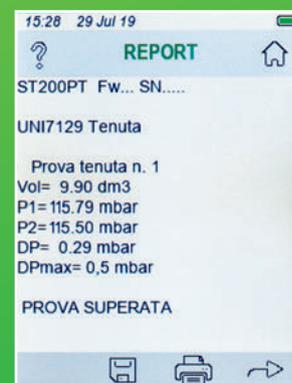## 4 SIMPLE STEPS TO DO THE AUTOMATIC TEST

① **TURN ON INSTRUMENT**

② **SELECT TEST**

③ **INSTRUMENT PERFORMS THE AUTOMATIC TEST**

④ **THE RESULTS OF THE TEST ARE SHOWN WITH POSSIBILITY OF:**

Automatic test is with pressure up to 600mbar

PRESSURE
MEASUREMENT
NOZZLES

PUSH PULL
CONNECTOR

IR DOOR

MAGNETS

LITHIUM
BATTERY

USB
TYPE C
DOOR

SD MICRO

ALKALINE
BATTERIES

WI-FI
BLUETOOTH

COMPLYING WITH STANDARD UNI EN

Instrument freely and completely programmable for the pressure value, stabilization times and gas plant leak tests.

ST200PT is also able to perform the following tests in complete autonomy:

UNI EN 1610:2015
Construction and testing of drain connections and sewer pipes.

UNI EN 806-4:2010
Specifications relating to installations inside buildings for conveying water intended for human consumption.

UNI EN 14336:2004
Heating systems in buildings.

UNI EN 1264-4:2009
Radiant systems powered by water for heating and cooling integrated in the structures.

ADDITIONAL FUNCTIONS

- Pressure gauge function for measuring static and dynamic pressure with measured minimum and maximum indications
- Real-time measurement graphic
- Datalogger function
- Automatic Volume measure

- Automatic autozero
- Possibility of conversion in the different units of measurement
- Measuring of differential pressure
- Measuring of room humidity by probe (optional)
- Internal calendar and clock

- Free programming of all parameters by operator
- Displaying of testing time
- Temperature compensation
- Storing of reports which can be personalized with user's data

TECHNICAL SPECIFICATIONS

MEASUREMENT SPECIFICATIONS

Pressure: Range LOW	-50 ÷ 600 mbar
Resolution	0,01 mbar
Pressure: Range HIGH	6 bar
Resolution	0.1 mbar
Pressure: differential measure	±1 bar
Resolution	0,1 mbar
Internal temperature	+5 ÷ +40 °C
Resolution	0,1 °C

POWER

Power connection/ battery charger	USB type C of the instrument or of the battery
Power	Rechargeable lithium-ion battery pack 3,7 V /5000 mAh
Battery type	Interchangeable and rechargeable also separetly from the instrument
Alternative Power	4 AA alkaline or rechargeable (not included)
Autonomy	Max.14 hours, min.6 hours
Time of battery recharge	Around 4 hours

DATA MANAGEMENT

Internal memory	Flash
Additional memory	MicroSD card (not included)
Printer	Infrared
Datas connection	USB type C, Bluetooth + Wi-Fi (optionals)

INSTRUMENT CHARACTERISTIC

Pump integrated	Maximum pressurization: up to 600mbar
Support	Integrated magnets
External probes connection	1 push-pull connection (for different probes model)
GAS connection	2 sockets DN5
Display	Color graphic diplay from 240 x 320 pixel Touch screen
User interface	Total Touch (only switch-on /off with key)
Operating time	+5 ÷ +40 °C
Storage temperature	-20 ÷ +50 °C
IP protection	IP40
Weight	500 g (with Lithium-ion battery pack included)
Size	210 x 80 x 43 mm

ST200PT
EQUIPMENT INCLUDED

ST200PT
is equipped complete of lithium battery, suitcase and all the necessary to do the tests.

ST200PT/S
is equipped like **ST200PT** but with included also IR printer.

PRIINTER
(ONLY FOR ST200PT/S)

**POWER SUPPLY
+ USB CABLE**

LITHIUM BATTERY

THREADED FITTINGS

**FITTING QUICK COUPLING
MALE ¼"**

3 WAYS FITTING

CONNECTION TUBE

RUBBER CONE

DISCOVER ALL
THE DETAILS OF THE NEW
ST200PT

ST200PT
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