

Model no. 1802

CHLORINE TESTER



According to

customer-specific
requirements

The chlorine tester serves to check the pressure of pipes or pipe components made of thermoplastic polymers at elevated pressures and at elevated temperatures. In the process, the test specimens are tested for tolerance to water containing chlorine-dioxide and/or preheated water. The test cycles may last several months.

The test specimens will be mounted in up to four pressure-controlled test lines. The concentrated chlorine-dioxide solution will be prepared in the device and fed into the test loop using dosing pumps. The water conductivity is automatically controlled in the central test loop. The test circuits are installed in a test oven for the temperature control of the test specimens.

Vapors and gases produced in the device will be extracted by a central exhaust system.

EASY AND SAFE OPERATION

- > Convenient operation with the integrated touch- display
- > Pull-out test lines for a total of up to 16 test specimens
- > Integrated chlorine-dioxide system
- > Built-in water hardening system
- > Warning device for chlorine dioxide gas

RELIABLE TEST RESULTS

- > Built-in, measurement-integrated touch display and control devices
- > High accuracy

LASTING EFFICIENCY

- > High-quality, ultra-fail-safe devices with a long service life and low costs of upkeep

STATE-OF-THE-ART TECHNOLOGY

- > Pipes made of polymers resistant to chlorine dioxide
- > Low-noise operation
- > Control of test parameters with powerful PLC
- > Interface to IptDataLogging®



VERSION CHLORINE TESTER

V1802

| | | |
|---|--------|---|
| Acceptable test specimens | | Pipes made of thermoplastic polymer |
| Number of test lines | | up to 4 |
| Number of test stations | | max. 4 units per test line |
| Pressure area | bar | 4 to 10 (higher pressures upon request) |
| Temperature range test medium | °C | 40 to 115 |
| Minimal pressure | bar | 0.5 |
| Maximum pressure | bar | 70 |
| Accuracy of the pressure transducer | | Class 0.5 |
| Relative pressure control accuracy | | ± 0.3 of the end value of the pressure transducer |
| Measurement of the chlorine dioxide concentration | | ✓ |
| Measurement of the ph value | | ✓ |
| Measurement of redox voltage | | ✓ |
| Integrated test furnace | | ✓ |
| Integrated osmosis water production | | ✓ |
| Integrated chlorine production | | ✓ Gas |
| Integrated system for water hardening | | * Chlorine dioxide |
| Integrated conductivity measurement | | ✓ |
| Suction system connection | | ✓ |
| Touch display | | ✓ |
| Interface to IptDataLogging® | | + |
| CE conformity | | ✓ |
| Width | mm | approx. 5,710 |
| Height | mm | approx. 1,480 |
| Depth | mm | approx. 2,350 |
| Weight | kg | approx. 2,575 |
| Permissible ambient temperature | °C | +5 to +30 |
| Permissible relative humidity | in % | max. 70, non-condensing |
| Further requirements of the installation site | | no direct solar radiation, no bright light suction power 1000 m3/h |
| Noise pressure level in operation | dB (A) | 70 |
| Voltage specifications | | 400 V, 50/60 Hz (38 kW, depending on the version) * other voltages |

✓ included

+ available/optional

○ eligible

- not available

* available upon request

ACCESSORIES CHLORINE TESTER

Product

Description

Model no.



Test data management software

IptDataLogging®

1780
