

Competence creates Confidence.



Model no. 1802

## CHLORINE TESTING DEVICE

ASTM F 2023  
ASTM F 1281  
ASTM F 2262  
ASTM F 2263  
ASTM F 1282  
ASTM F 2330  
NSF P 171

High accuracy



The chlorine testing device is used to pressure test pipes or pipe sections made of thermoplastic under increased pressure and at elevated temperatures. The specimens are tested for compatibility with chlorine dioxide-containing and/or preheated water. The test cycles can last several months. The test specimens are mounted in up to four pressure-controlled test lines.

The concentrated chlorine dioxide solution is generated in the device and fed into the test circuit by means of dosing pumps. The conductivity of the water in the central test circuit is automatically regulated. The test lines are installed in a test oven to control the temperature of the test specimens. Vapors and gases generated in the device are extracted by a central extraction system.

### Standard features

- Convenient operation via integrated touch display
- Warning device for chlorine dioxide gas
- High accuracy
- Low-noise operation
- Measurement of chlorine dioxide content
- Measurement of redox potential
- Integrated osmosis water generation
- Integrated water softening system
- Suction connection
- Interface to IPT DataLogging®
- Extendable test lines for a total of up to 16 specimens
- Built-in measuring and control devices
- Piping made of chlorine dioxide-resistant plastic
- Control of test parameters via powerful PLC
- Measurement of pH value
- Integrated test furnace
- Integrated chlorine generation
- Integrated conductivity measurement
- Touch display
- CE conformity



**Version CHLORINE TESTING DEVICE**

**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
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 upon request)

**Accessories CHLORINE TESTING DEVICE**

Product	Description	Model no.
	Test data management software IPT DataLogging®	1780