

Model no. 1671

## RCP-S4-TESTER



According to

ISO 13477

The RCP tester conveniently and accurately determines the critical pressure and critical temperature for rapid crack propagation in PE pressure pipes.

## **EASY AND SAFE OPERATION**

- > Protection of the operator by operating the touch display outside the hazardous area (e.g. behind a suitable protective wall at a safe distance from the tester frame) or outside the test room
- > Acoustic and visual signals
- > Easy connection of the sample via quick-release plug coupling
- > Easy to replace sample supports
- > Automatic reduction in pressure at the end of the test

## **RELIABLE TEST RESULTS**

- > Measurement of the precise strike speed of the blade via a photoelectric barrier
- > The automatic procedure guarantees that the test is performed well within in the specified testing time

## **LASTING EFFICIENCY**

- > Motor-operated test unit

## **STANDARD EQUIPMENT**

- > Basic unit with sample containment cage up to 500 mm
- > Automatic sample feed
- > Three selectable strike speeds: 10 - 20 m/s
- > Parameterisation via touch display

## **OPTIONS**

- > Test kits and corresponding striker blades
- > Test chamber/cell
- > Assembly and disassembly equipment

## VERSION RCP-S4-TESTER

		V1671-0010	V1671-0011	V1671-0012
Rail system for automatic test specimen feeding		-	✓	✓
Conditioning cabinet for test specimens		-	-	✓
Sample dimensions	mm	90 - 500 * other dimensions		
Speed of the striker blade	m/s	10 - 20 generated via pressure springs tensioned by an electric motor		
Measurement of speed		via photoelectric barrier		
Regulation of filling pressure		manually via pressure reducer		
Regulation of test pressure		PLC control		
Pressure transducer	bar	max. 25		
Absolute measuring accuracy	%	0.5 of full scale of pressure transducer		
Operation via		Touch display		
Pressure adjustment		freely selectable		
Display of filling pressure		at manometer (max. 25 bar)		
Display of test pressure		on touch display		
Compressed air supply		from external compressed air supply 30 bar (max. 40 bar), min. 750 l/min (not included in the scope of delivery)		
CE conformity		✓		
Permissible ambient temperature	°C	+ 5 to + 30		
Permissible relative humidity	%	max. 70 non-condensing		
Noise emission	dB(A)	< 70 at rest, ≥ 120 when the striker blade strikes the sample (depending on diameter).		
Width of test unit	mm	6,100	depending on the length of the rail system	*
Depth of test unit	mm	1,000	1,000	*
Height of test unit	mm	3,400	3,400	*
Control panel (W x D x H)	mm	700 x 410 x 1,100		
Voltage data		230/400 V, 50/60 Hz * other voltages		
✓ included		+ available/optional		○ eligible
		- not available		* available upon request

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## ACCESSORIES RCP-S4-TESTER

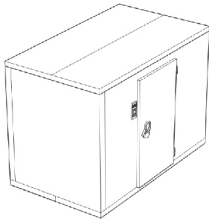
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Product

Description

Model no.

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Cooling cabinet

H3026

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