



› Test unit for rapid crack propagation (RCP S4)

Variable knife speeds

Sample feed trolley

Standards

ISO 13477

› Description

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

› Standard equipment

- Basic unit with containment cage up to 250 mm
- Three strike speeds: 10, 15 and 20 m/s
- Touch controller
- Options: Freeze Cabin
External Compressed air supply

› Specifications

Sample dimensions	mm	32 – 250
Regulation of filling pressure		Manually
Regulation of test pressure		Automatic
Pressure transducer	bar	25
Absolute measuring accuracy		0.5% of full scale of pressure transducer
Operation via		Touch display 16"
Display of filling pressure		At manometer (max. 25 bar)
Display of test pressure		On Monitor
Compressed air supply		40-bar compressed air supply unit min 750 l/min
Permissible ambient temperature	°C	+5 to +30
Permissible relative humidity		Max. 70%, non-condensing
Width of test unit	mm	790
Depth of test unit	mm	2050
Height of test unit	mm	2250
Weight of test unit	kg	345
Width of control panel	mm	600
Depth of control panel	mm	600
Height of control panel	mm	1200
Weight of control panel	kg	100
Voltage data		230/400 V, 50/60 Hz

● included ○ available/optional

