

BUBBLE PRESSURE TENSIOMETER – BPT MOBILE

SPECIFICATIONS



KRÜSS

Advancing your Surface Science

Product group specifications**BPT Mobile****Pressure measurement**

Maximum pressure	1.25 kPa
Precision	2 %

Data output

USB	Microsoft Excel (XML format)
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Measurement specifications**BPT Mobile****Bubble pressure**

Results	dynamic surface tension vs. surface age	dynamic surface tension at constant surface age	single dynamic surface tension/ bath concentration ¹⁾
Surface tension range		10 to 100 mN/m	
Resolution		0.1 mN/m	
Precision		0.5 mN/m	
Surface age range		10 to 30,000 ms	
Resolution		1 ms	
Precision		max. 7.5 %	

¹⁾ optional

General specifications**BPT Mobile****Sample dimensions**

Minimum recommended sample volume 15 mL ²⁾

Temperature measurement

Range 0 to 100 °C

Resolution 0.1 °C

Location sample

Housing and peripherals

Touch display integrated color IPS display (480 × 854 px, size 5")

Stand included

Environment

Operating temperature 5 to 60 °C

Humidity without condensation

Instrument dimensions

Size 85 mm × 55 mm (W × D)

Height 220 mm

Weight (without accessories) 600 g

Power supply

Battery 10 h operating time

Voltage 5 V (powered by USB)

Power consumption 2.5 W

Interfaces and memory

PC USB-Micro-B

Memory up to 20 million measurements

²⁾ sample vessel SV13 recommended

