



ATS 503/501

Device data

Dimensions (W × D × H)	ATS 503:	370 × 130 × 320 mm
	ATS 501:	280 × 130 × 320 mm
Weight	ATS 503:	approx. 3250 g (with supporting bracket)
	ATS 501:	approx. 2100 g (with supporting bracket)
Material	housing: polycarbonate	

Certificates

Marking	FCC, CE
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Features

Gas connections	• air connection:	RECTUS NW 2.7 quick-release coupling
	• test gas connection 1:	adapter for pressurised gas container 7/16"-28 UNEF
Display	ATS 503 plus:	
	• test gas connection 2:	CEJN series 220, DN 5
	• test gas connection 3:	adapter for pressurised gas container 7/16"-28 UNEF
Interface	TFT display, 380 × 224 pixels, size 56 × 33 mm	
Memory	USB 2.0 Type B	
Control	8 MB	
Other features	membrane keypad	
	internal carbon dioxide filter	
	ATS 503 plus:	
	• internal conditioner (test gas connection 3)	

Operating conditions

Operating temperature	10 – 40°C
Storage temperature	-25 – 60°C
Humidity	5 – 95% r.h., non-condensing
Atmospheric pressure	700 – 1200 hPa
Pressure on test gas connection	max. 13 bar
Protection rating	IP20
Non-permitted operating environments	in potentially explosive areas
Position of use	<ul style="list-style-type: none"> • upright position • tilted (supported by supporting bracket) • wall mounting

Power supply

Power supply	AC/DC adapter M4
Operating voltage	12 V DC
Operating current	<ul style="list-style-type: none"> • ATS without PM 5x0/400: approx. 100 mA • ATS with PM 5x0/400 (charging mode): approx. 400 mA • ATS with PM 5x0/400 (device inspection): approx. 180 – 280 mA

Data transmission

Communication	USB 2.0 Type B
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Additional data

Attachment option	wall mounting using supporting bracket
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Assignment

For use with	EX-TEX® PM 580/550/500/400
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