

ATS 503/501

Technical Data Sheet

Device data	
Dimensions (W x D x H)	ATS 503: 370 x 130 x 320 mm ATS 501: 280 x 130 x 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

Features	
Gas connections	<ul style="list-style-type: none"> - air connection: RECTUS NW 2.7 quick-release coupling - test gas connection 1: adapter for pressurised gas container 7/16"-28 UNEF <p>ATS 503 plus:</p> <ul style="list-style-type: none"> - test gas connection 2: CEJN series 220, DN 5 - test gas connection 3: adapter for pressurised gas container 7/16"-28 UNEF
Display	TFT display, 380 x 224 pixels, size 56 x 33 mm ²
Interface	USB 2.0 Type B
Memory	8 MB
Control	membrane keypad
Other features	<p>internal carbon dioxide filter</p> <p>ATS 503 plus:</p> <ul style="list-style-type: none"> - 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

Additional data	
Attachment option	wall mounting using supporting bracket

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

Subject to technical changes.