

VENTILATÖR Test Cihazları Teknik Özellikler ve Aksesuarlar

Gaz ve Akış Analizörleri ve Ventilatör Test cihazları için gerekli tüm test ve kalibrasyon işlemlerinde en yüksek doğruluk ve hassasiyette ölçüm saglar.



ISO 17025
ISO 13485



MEDİBİM MEDİKAL BİLİŞİM ve KALİBRASYON
TÜRKİYE YETKİLİ TEMSİLCİSİ
GÜZELYURT MAH. MEHMET AKIF ERSOY CAD. NO:38
GÖKDEMİR PLAZA KAT: 2 D: 10 ESENYURT İSTANBUL
T: 0212.4382046/47 F:4382067 E: info@medibim.com.tr

Technical Specification FlowAnalysyer PF-300 PRO

Flow and pressure measurements		Range	Accuracy		
Flow	Measuring direction	Bidirectional			
	Temperature compensated	Automatic			
	Pressure compensated	Automatic			
	Humidity compensated	Automatic			
	O ₂ compensated	Automatic			
	Flow	± 300 L/min	± 1.65 %* or ± 0.04 L/min (for 10..40°C)**		
	Ultra-Low Flow	± 1 L/min	± 1.65 %* or ± 0.01 L/min (for 10..40°C)**		
Pressure	High Pressure & Vacuum (P _{High})	-1–10 bar	± 1 %* or ± 7 mbar**		
	Differential Pressure (P _{Diff})	± 250 mbar	± 0.5 %* or ± 0.1 mbar**		
	Low Differential Pressure (P _{Diff Low})	-10–10 mbar	± 1 %* or ± 0.01 mbar**		
	Pressure in Flow Channel (P _{Channel})	-50–160 mbar	± 0.5 %* or ± 0.1 mbar**		
	Atmospheric Pressure (P _{Atmo})	500–1240 mbar	± 1 %* or ± 5 mbar**		
Units	Flow	L/min, L/s, cfm, mL/min, mL/s			
	Pressure	bar, mbar, cmH ₂ O, inH ₂ O, Torr, inHg, hPa, kPa, mmHg, PSI			
Additional measurements		Range	Accuracy		
Oxygen	Concentration	0–100 %	± 1 % O ₂ **		
	Pressure compensated	≤ 150 mbar			
Temperature	In Flow Channel	0–50 °C	± 1.75 %* or ± 0.5 °C**		
Dew point	In Flow Channel	-10–50 °C	± 2 %* or ± 1 °C**		
Humidity	In Flow Channel	0–100 % RH (non condensing)	± 3 % RH ** from 10 % RH to 80 % RH ± 5 % RH ** for <10% and >80% RH		
CO ₂	Concentration (with optional OR-703)	0–15 vol%	± (0.2 vol% + 2 % of reading)		
		15–25 vol%	unspecified		
N ₂ O	Concentration (with optional OR-703)	0–100 vol%	± (2 % vol% + 2 % of reading)		
HAL, ISO, ENF	Concentration (with optional OR-703)	0–8 vol%	± (0.15 vol% + 5 % of reading)		
		8–25 vol%	unspecified		
SEV	Concentration (with optional OR-703)	0–10 vol%	± (0.15 vol% + 5 % of reading)		
		10–25 vol%	unspecified		
DES	Concentration (with optional OR-703)	0–22 vol%	± (0.15 vol% + 5 % of reading)		
		22–25 vol%	unspecified		
Gas types		Air, O ₂ , Air/O ₂ , N ₂ O/O ₂ , He, He/O ₂ , N ₂ , N ₂ O, CO ₂ , customised gas types			
Gas standards		ATP, ATPD, ATPS, AP21, AP25, STP, STPD0, STPD20, STPD21, STPH, BTPS, BTPS-A, BTPD, BTPD-A, 0/1013, 20/981, 15/1013, 25/991, 20/1013, 23/1013, NTPD, NTPS			
Respiratory parameters		Range	Accuracy		
Breath rate	Rate	1–2000 bpm	±1 bpm or ± 1 %**		
Time	Inspiratory time (T _i)	0–60 s	± 0.01 s		
	Expiratory time (T _e)	0–90 s	± 0.01 s		
	Inspiratory hold time	0–60 s	± 0.01 s		
	Expiratory hold time	0–90 s	± 0.01 s		
	Post-inspiratory pause (% T _P)	0–100 %	± 0.1 %		
Ratio	I:E	1:300–300:1	± 2 %*		
	T _i /T _{total}	0–100 %	± 5 %*		
Breath volume	V _{ti} , V _{te}	± 60 L	± 1.75 % or ± 0.10 mL		
Minute volume	V _i , V _e	0–300 sL/min	± 1.75 %* or ± 5 mL		
Pressure	P _{Peak} , P _{Mean} , P _{PEEP} , P _{Plateau}	0–160 mbar	± 0.75 %* or ± 0.1 mbar**		
Peakflow	P _{F_{Insp}} , P _{F_{Exp}}	± 300 sL/min	± 1.65 %* or ± 0.04 sL/min**		
Compliance	C _{Stat}	0–1000 mL/mbar	± 3 %* or ± 0.01 mL/mbar**		
Trigger	Automatic, Adult, Pediatric, HFO, ext. Trigger	Adult, Pediatric, HFO; Adjustable on flow or pressure curves with user-defined limits.			
General information					
Power	100–240 VAC, 50–60 Hz				
Battery operation	16 hours				
Power consumption	Typical 5 VA, max. 25 VA (during battery charging)				
Weight	3.2 kg				
Dimensions (w × d × h)	24 × 26 × 13 cm				
Data Storage	Internal, USB stick				
Display	High resolution touch-screen display 5" (800 × 480 px)				
Interfaces	USB-A for USB stick, USB-B for FlowLab Software, individual communication, TTL for external trigger, RS232				
Calibration	Annually				
Operating temperature	10–40 °C (50–104 °F)				
Operating Humidity	10–90 % R.H.***				
Approvals	CE, CSA (North America), IEC 61010-1:2010, IEC 61326-2:2012				

The greater tolerance is valid:

*Tolerance related to the measured value, ** Absolute tolerance, with steady air flow, *** Non-condensing, **** The unit sL/min is based on ambient conditions of 0 °C and 1013.25 mbar (DIN 1343).

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TÜRKİYE YETKİLİ TEMSİLCİSİ**
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FlowAnalyser PF-300, PF-301, PF-302

Technical Specifications



Flow and pressure measurements		Range	Accuracy		
Flow	Measuring direction	Bidirectional			
	Temperature compensated	Automatic			
	Pressure compensated	Automatic			
	Humidity compensated	Automatic			
	O ₂ compensated	Automatic			
	High Flow	± 300 L/min	± 1.75 %* or ± 0.1 L/min (for 10..40°C)**		
	Low Flow	± 20 L/min	± 1.75 %* or ± 0.04 L/min (for 10..40°C)**		
Pressure	High Pressure (P _{High})	0–10 bar	± 1 %* or ± 10 mbar**		
	Differential Pressure (P _{Diff}) (PF-300 only)	± 150 mbar	± 0.75 %* or ± 0.1 mbar**		
	Relative Pressure (PF-301 and PF-302)	± 150 mbar	± 0.75 %* or ± 0.1 mbar**		
	Low Pressure (for PF-302 only)	0–5 mbar	± 1 %* or ± 0.01 mbar**		
	Pressure in High Flow Channel (P _{Channel})	0–150 mbar	± 0.75 %* or ± 0.1 mbar**		
	Atmospheric Pressure (P _{Atmo})	0–1150 mbar (abs)	± 1 %* or ± 5 mbar**		
	Vacuum Pressure (for PF-301 only)	± 1000 mbar	± 0.5 %* or ± 2 mbar**		
Units	Flow	L/min, L/s, cfm, mL/min, mL/s			
	Pressure	bar, mbar, cmH ₂ O, inH ₂ O, Torr, inHg, hPa, kPa, mmHg, PSI			
Other measurements		Range	Accuracy		
Oxygen	Concentration	0–100 %	± 1 % O ₂ **		
	Pressure compensated	≤ 150 mbar			
Temperature	In High Flow Channel	0–50 °C	± 1.75 %* or ± 0.5 °C**		
Dew point	In High Flow Channel	-10–50 °C	± 2 %* or ± 1 °C**		
Humidity	In High Flow Channel	0–100 %	± 3 %**		
CO ₂	Concentration (with optional OR-703)	0–10 %	± (0.2 % ABS + 2 % REL)		
		10–20 %	± (0.3 % ABS + 4 % REL)		
N ₂ O	Concentration (with optional OR-703)	0–100 %	± (2 % ABS + 2 % REL)		
HAL, ISO, ENF	Concentration (with optional OR-703)	0–8 %	± (0.15 % ABS + 5 % REL)		
		8–12 %	± (0.2 % ABS + 10 % REL)		
SEV	Concentration (with optional OR-703)	0–10 %	± (0.15 % ABS + 5 % REL)		
		10–15 %	± (0.2 % ABS + 10 % REL)		
DES	Concentration (with optional OR-703)	0–22 %	± (0.15 % ABS + 5 % REL)		
		22–25 %	± (0.2 % ABS + 10 % REL)		
Gas types		Air, O ₂ , Air/O ₂ , N ₂ O/O ₂ , He, He/O ₂ , N ₂ , N ₂ O, CO ₂ , customised gas types			
Gas standards		ATP, ATPD, ATPS, AP21, STP, STPH, BTPS, BTPS-A, BTPD, BTPD-A, 0/1013, 20/981, 15/1013, 25/991, 20/1013, NTPD, NTPS			
Ventilation parameters ¹		Range	Accuracy		
Breath rate	Rate	1–1000 bpm	± 1 bpm or ± 2.5 %**		
Time	T _i , T _e	0.05–60 s	± 0.02 s		
Ratio	I:E	1:300–300:1	± 2.5 %*		
	T _i /T _{total}	0–100 %	± 5 %*		
Breath volumes	V _{ti} , V _{te} (@Low Flow)	± 10 L	± 1.75 % or ± 0.10 mL (> 2.4 sL/min)		
	V _{ti} , V _{te} (@High Flow)	± 10 L	± 1.75 % or ± 0.20 mL (> 6.0 sL/min)		
Minute volume	V _i , V _e	0–300 sL/min	± 2.5 %*		
Pressure	P _{Peak} , P _{Mean} , PEEP, P _{Plateau}	0–150 mbar	± 0.75 %* or ± 0.1 mbar**		
Peakflow	PF _{Insp} , PF _{Exp}	± 300 sL/min	± 1.75 %* or ± 0.1 sL/min**		
Compliance	C _{Stat}	0–1000 mL/mbar	± 3 %* or ± 1 mL/mbar**		
Trigger	Adult, Pediatric, HFO, ext. Trigger	Adult, Pediatric, HFO; Adjustable on flow or pressure curves with user-defined limits.			
General information					
Power	100–240 VAC, 50/60 Hz				
Battery	3 hours (with OR-703 2 hours)				
Power consumption	25 VA				
Weight	3.7 kg				
Dimensions (w × d × h)	22 × 25 × 12 cm				
Data Storage	Internal				
Display	Intuitive user interface with numerical measuring values, statistics, volume trigger configuration, gas type selection and calibration menus.				
Interfaces	USB for Windows Software FlowLab, RS-232 for individual communication, TTL for external trigger and TSI4000 Protocol.				
Calibration	Annually				
Conditions Ambient temperature	15–40 °C (59–104°F)				
Conditions Humidity	10–90 % R.H.***				
Approvals	CE, CSA (North America), IEC 61010-1:2010, IEC 61326-2:2012				

The greater tolerance is valid:

*Tolerance related to the measured value, ** Absolute tolerance, *** Non-condensing, **** The unit sL/min is based on ambient conditions of 0°C and 1013.25 mbar (DIN 1343).

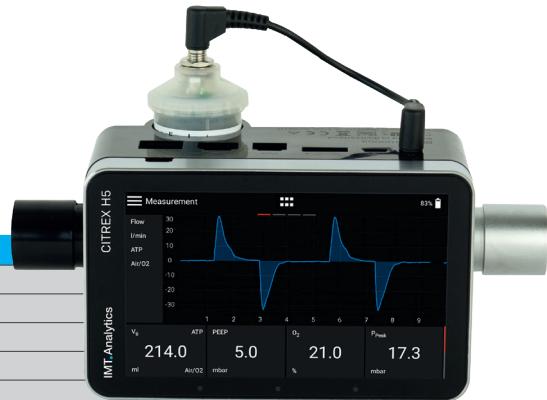
¹⁾ Tolerance related to the optimal calibration of the trigger.



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CITREX H5

Technical Specifications



Flow and pressure measurements		Range	Accuracy		
Flow	Measuring direction	Bidirectional			
	Temperature compensated	Automatic			
	Pressure compensated	Automatic			
	Humidity compensated	Manually			
	O ₂ compensated	—			
	High Flow	± 300 L/min	± 1.9%* or ± 0.1 L/min (for 10..40°C)**		
	Low Flow	—			
Pressure	High Pressure (P _{high})	0–10 bar	± 1%* or ± 10 mbar**		
	Differential Pressure (P _{diff})	± 200 mbar	± 0.75%* or ± 0.1 mbar**		
	Relative Pressure	—			
	Low Pressure	—			
	Pressure in High Flow Channel (P _{channel})	-50–150 mbar	± 0.75%* or ± 0.1 mbar**		
	Atmospheric Pressure (P _{Atmo})	500–1150 mbar	± 1%* or ± 5 mbar**		
	Vacuum Pressure	—			
Units	Flow	L/min, L/s, cfm, mL/min, mL/s			
	Pressure	bar, mbar, cmH ₂ O, inH ₂ O, Torr, inHg, hPa, kPa, mmHg, PSI			
Other measurements		Range	Accuracy		
Oxygen	Concentration	0–100%	± 1% O ₂ **		
	Pressure compensated	≤ 150 mbar			
Temperature	In High Flow Channel	0–50 °C	± 1.75%* or ± 0.5 °C**		
Dew point	—				
Humidity	—				
CO ₂	Concentration (with optional OR-703)	0–10%	± (0.2% ABS + 2% REL)		
		10–20%	± (0.3% ABS + 4% REL)		
N ₂ O	Concentration (with optional OR-703)	0–100%	± (2% ABS + 2% REL)		
HAL, ISO, ENF	Concentration (with optional OR-703)	0–8%	± (0.15% ABS + 5% REL)		
		8–12%	± (0.2% ABS + 10% REL)		
SEV	Concentration (with optional OR-703)	0–10%	± (0.15% ABS + 5% REL)		
		10–15%	± (0.2% ABS + 10% REL)		
DES	Concentration (with optional OR-703)	0–22%	± (0.15% ABS + 5% REL)		
		22–25%	± (0.2% ABS + 10% REL)		
Gas types		Air, O ₂ , Air/O ₂ , N ₂ O, N ₂ O/O ₂ , He/O ₂ , N ₂ , CO ₂			
Gas standards		ATP, ATPD, ATPS, AP21, STP, STPH, BTPS, BTPS-A, BTPD, BTPD-A, 0/1013, 20/981, 15/1013, 25/991, 20/1013, NTPD, NTPS			
Ventilation parameters		Range	Accuracy		
Breath rate	Rate	1–1000 bpm	± 1 bpm* or ± 2.5%**		
Time	T _i , T _e	0.05–60 s	± 0.02 s		
Ratio	I:E	1:300–300:1	± 2.5%*		
	T _i /T _{cyc}	0–100%	± 5%*		
Breath volumes	V		± 2%* or ± 0.20 mL (>6 sL/min)**		
	V _{ti} , V _{te}	± 10 L	± 2%* or ± 0.20 mL (>6 sL/min)**		
Minute volume	V _i , V _e	0–300 sL/min	± 2.5%*		
Pressure	P _{Peak} , P _{Mean} , PEEP, P _{Plateau} , IPAP	0–150 mbar	± 0.75%* or ± 0.1 mbar**		
Peakflow	P _{F_{Insp}} , P _{F_{Exp}}	± 300 sL/min	± 1.9%* or ± 0.1 sL/min**		
Compliance	C _{Stat}	0–1000 mL/mbar	± 3%* or ± 1 mL/mbar**		
Trigger	Adult, Pediatric, HFO, ext. Trigger	Adult, Pediatric, HFO; Adjustable on flow or pressure curves with user-defined limits.			
General information					
Power	100–240 VAC, 50/60 Hz				
Battery	5 hours				
Power consumption	2.5–6 W				
Weight	0.52 kg				
Dimensions (w × d × h)	11.4 × 7 × 7.3 cm				
Data storage	Internal and microSD Card				
Display	4.3" Multi-Touch (color), Realtime curves				
Interfaces	RS-232, USB, Ethernet, CAN, Analog Out, TTL, WLAN, TSI4000 and Prima Protocol				
Calibration	Annually				
Conditions Ambient temperature	15–40 °C (59–104°F)				
Conditions Humidity	10–90 % R.H.***				
Approvals	CE, BC (Energy Efficiency for Battery Charging Systems), CSA (North America), IEC 61010-1:2010, IEC 61326-2:2012				

The greater tolerance is valid: *Tolerance related to the measured value, ** Absolute tolerance, *** The unit sL/min is based on ambient conditions of 0 °C and 1013.25 mbar (DIN 1343).



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CITREX H4

Technical Specifications



Flow and pressure measurements		Range	Accuracy		
Flow	Measuring direction	Bidirectional			
	Temperature compensated	Automatic			
	Pressure compensated	Automatic			
	Humidity compensated	Manually			
	O ₂ compensated	—			
	High Flow	± 300 sL/min***	± 1.9%* or ± 0.1 sL/min (for 10..40°C)**		
	Low Flow	—			
Pressure	High Pressure (P _{High})	0–10 bar	± 1%* or ± 10 mbar**		
	Differential Pressure (P _{Dif})	± 200 mbar	± 0.75%* or ± 0.1 mbar**		
	Relative Pressure	—			
	Low Pressure	—			
	Pressure in High Flow Channel (P _{Channel})	-50–150 mbar	± 0.75%* or ± 0.1 mbar**		
	Atmospheric Pressure (P _{Atmo})	500 – 1150 mbar	± 1%* or ± 5 mbar**		
Units	Vacuum Pressure	—			
	Flow	L/min, L/s, cfm, mL/min, mL/s			
	Pressure	bar, mbar, cmH ₂ O, inH ₂ O, Torr, inHg, hPa, kPa, mmHg, PSI			
Other measurements		Range	Accuracy		
Oxygen	Concentration	0–100 %	± 1 % O ₂ **		
	Pressure compensated	≤ 150 mbar			
Temperature	In High Flow Channel	0–50°C	± 1.75%* or ± 0.5°C**		
Dew point	—				
Humidity	—				
CO ₂	—				
N ₂ O	—				
HAL, ISO, ENF	—				
SEV	—				
DES	—				
Gas types	Air, O ₂ , Air/O ₂ , N ₂ O, N ₂ O/O ₂ , He/O ₂ , N ₂ , CO ₂				
Gas standards	ATP, ATPD, ATPS, AP21, STP, STPH, BTPS, BTPS-A, BTPD, BTPD-A, 0/1013, 20/981, 15/1013, 25/991, 20/1013, NTPD, NTPS				
Ventilation parameters		Range	Accuracy		
Breath rate	Rate	1–1000 bpm	± 1 bpm or ± 2.5%**		
Time	T _i , T _e	0.05–60 s	± 0.02 s		
Ratio	I:E	1:300–300:1	± 2.5%*		
	T _i /T _{cyc}	0–100 %	± 5 %*		
Breath volumes	V	—	± 2%* or ± 0.20 mL (> 6 sL/min)**		
	V _{ti} , V _{te}	± 10 L	± 2%* or ± 0.20 mL (> 6 sL/min)**		
Minute volume	V _i , V _e	0–300 sL/min	± 2.5%*		
Pressure	P _{Peak} , P _{Mean} , PEEP, P _{Plateau} , IPAP	0–150 mbar	± 0.75%* or ± 0.1 mbar**		
Peakflow	PF _{Insp} , PF _{Exp}	± 300 sL/min	± 1.9%* or ± 0.1 sL/min**		
Compliance	C _{Stat}	0–1000 mL/mbar	± 3%* or ± 1 mL/mbar**		
Trigger	Adult, Pediatric, HFO, ext. Trigger	Adult, Pediatric, HFO			
General information					
Power	100–240 VAC, 50/60 Hz				
Battery	4 hours				
Power consumption	2.5–6 W				
Weight	0.40 kg				
Dimensions (w × d × h)	11.4 × 7 × 6 cm				
Data storage	microSD Card				
Display	1.7" with touch control elements (color), Realtime curves				
Interfaces	RS-232, USB, Ethernet, CAN, Analog Out, TTL (external Trigger Input), TSI4000 Protocol				
Calibration	Annually				
Conditions Ambient temperature	15–40°C (59–104°F)				
Conditions Humidity	10–90 % R.H.***				
Approvals	CE, BC (Energy Efficiency for Battery Charging Systems), CSA (North America), IEC 61010-1:2010, IEC 61326-2:2012				

The greater tolerance is valid: *Tolerance related to the measured value, ** Absolute tolerance, *** The unit sL/min is based on ambient conditions of 0°C and 1013.25 mbar (DIN 1343).



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CITREX H3

Technical Specifications



Flow and pressure measurements		Range	Accuracy
Flow	Measuring direction	Bidirectional	
	Temperature compensated	Automatic	
	Pressure compensated	Automatic	
	Humidity compensated	Manually	
	O ₂ compensated	—	
	High Flow	± 300 sL/min***	± 1.9%* or ± 0.1 sL/min (for 10..40°C)**
	Low Flow	—	
Pressure	High Pressure (P _{High})	—	
	Differential Pressure (P _{Diff})	—	
	Relative Pressure	—	
	Low Pressure	—	
	Pressure in High Flow Channel (P _{Channel})	-50–150 mbar	± 0.75%* or ± 0.1 mbar**
	Atmospheric Pressure (P _{Atmo})	500 – 1150 mbar	± 1%* or ± 5 mbar **
Units	Vacuum Pressure	—	
	Flow	L/min, L/s, cfm	
Pressure		bar, mbar, cmH ₂ O, mmHg, inH ₂ O	
Other measurements		Range	Accuracy
Oxygen	Concentration	0–100 %	± 1 % O ₂ **
	Pressure compensated	≤ 150 mbar	
Temperature	In High Flow Channel	0–50 °C	± 1.75%* or ± 0.5 °C**
Dew point	—		
Humidity	—		
CO ₂	—		
N ₂ O	—		
HAL, ISO, ENF	—		
SEV	—		
DES	—		
Gas types	Air, O ₂ , Air/O ₂ , N ₂ O, N ₂ O/O ₂		
Gas standards	ATP, ATPD, ATPS, AP21, STP, STPH, BTPS, BTPS-A, BTPD		
Ventilation parameters		Range	Accuracy
Breath rate	Rate	1–1000 bpm	± 1 bpm** or ± 2.5%*
Time	T _i	0.05–60 s	± 0.02 s
Ratio	I:E	1:300–300:1	± 2.5%*
	T _i /T _{cyc}	—	
Breath volumes	V	—	± 2%* or ± 0.20 mL (> 6 sL/min)**
	V _{ti}	± 10 L	± 2%* or ± 0.20 mL (> 6 sL/min)**
Minute volume	V _i	0–300 sL/min	± 2.5%*
Pressure	P _{Peak} , P _{Mean} , PEEP, P _{Plateau}	0–150 mbar	± 0.75%* or ± 0.1 mbar **
Peakflow	PF _{Insp} , PF _{Exp}	± 300 sL/min	± 2.0%* or ± 0.1 sL/min**
Compliance	C _{Stat}	—	
Trigger	Adult, Pediatric, ext. Trigger	Adult, Pediatric	
General information			
Power	100–240 VAC, 50/60 Hz		
Battery	4 hours		
Power consumption	2.5–6 W		
Weight	0.38 kg		
Dimensions (w × d × h)	11.4 × 7 × 6 cm		
Data storage	microSD Card		
Display	1.7" with touch control elements (color), Realtime curves		
Interfaces	Ethernet		
Calibration	Annually		
Conditions Ambient temperature	15–40 °C (59–104 °F)		
Conditions Humidity	10–90 % R.H.***		
Approvals	CE, BC (Energy Efficiency for Battery Charging Systems), CSA (North America), IEC 61010-1:2010, IEC 61326-2:2012		

The greater tolerance is valid: *Tolerance related to the measured value, ** Absolute tolerance, *** The unit sL/min is based on ambient conditions of 0 °C and 1013.25 mbar (DIN 1343).



Test
TS EN ISO/IEC 17025
AB-1234567

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Meeting the Requirements in the Field

MultiGasAnalyser OR-703 (Optional for FlowAnalyser and CITREX H5)

The MultiGasAnalyser OR-703 measures all anaesthesia and breathing gases and is the smallest multi-gas sensor in the world. It includes the most modern microsystems technology and has a direct data interface with the FlowAnalyser or CITREX H5. Key features include complete data collection and test reports.



Oxygen measurement (CITREX)

Fast and precise measurement of oxygen concentration is an important function when verifying and calibrating ventilators. This option is available for new devices or can be acquired subsequently as a retrofit set.



Inlet pipe (CITREX)

Test setup tool.



USB car adapter (CITREX)

This adapter allows charging your CITREX device in every car.



Protection filter RT019 (CITREX)

To protect your device from dust and dirt.



CITREX H5 Protector (CITREX H5)

CITREX H5 Protector protects your device perfectly. The gas flow analyser stands absolutely stable on your workbench. CITREX H5 Protector makes your device even better.

Carrying case (FlowAnalyser)

The FlowAnalyser case provides protection and order at work. This robust case includes storage space for your FlowAnalyser, adapter set, bacteria filter, power and USB cord, FlowLab software and user manual.



Carrying case (CITREX H5/H4)

Custom-fit carrying bag for Citrex H5/H4 made out of high-quality materials. The compact bag offers enough space so that a secure transport of your device and all its accessories including TestLungs is ensured.



SmartLung and EasyLung (CITREX and FlowAnalyser)

The most intelligent and cost-effective test lungs that safely test ventilators and anaesthesia machines for function and precision. SmartLung and EasyLung are extremely handy and user-friendly.



Adapter set (CITREX and FlowAnalyser)

The adapters contained in the set allow connection of virtually any test object to the device.



These accessories represent only a selection from our product catalogue.

Please ask for further information.



MEDİBİM MEDİKAL BİLİŞİM ve KALİBRASYON
TÜRKİYE YETKİLİ TEMSİLCİSİ
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