

Selection and ordering data

Product description			Order No.							
SIPROCESS UV600 gas analyzer, incl. gas module and barometric pressure compensation			7MB2621-				Cannot be combined			
										
Enclosure, version and gas paths 19" rack unit for installation in cabinets										
Gas connections	Gas connections	Gas paths								
Diameter	Material	Material								
• 6 mm pipe	• PVDF	• Hose / Viton	0						0	
• 6 mm pipe	• Swagelok	• PTFE	1							
• 6 mm pipe	• Swagelok	• Stainless steel, with pipes	2							
• 1/4" pipe	• Swagelok	• Stainless steel, with pipes	3							
1. UV measured component										
Measured component	Smallest/largest measuring range	corresponds to								
NO	0 ... 10 / 0 ... 300 ppmv	0 ... 15 / 0 ... 450 mg/m ³	A A						A A	→ Y17
	0 ... 20 / 0 ... 400 ppmv	0 ... 25 / 0 ... 500 mg/m ³	A B						A B	→ Y17
	0 ... 25 / 0 ... 500 ppmv	0 ... 35 / 0 ... 700 mg/m ³	A C							
	0 ... 50 / 0 ... 1 000 ppmv	0 ... 50 / 0 ... 1 000 mg/m ³	A D							
NO ₂	0 ... 10 / 0 ... 300 ppmv ¹⁾	0 ... 20 / 0 ... 600 mg/m ^{3 1)}	B A					B A	B A	→ Y17
	0 ... 20 / 0 ... 400 ppmv	0 ... 40 / 0 ... 800 mg/m ³	B B					B B	B B	→ Y17
	0 ... 25 / 0 ... 500 ppmv	0 ... 50 / 0 ... 1 000 mg/m ³	B C					B C	B C	
	0 ... 50 / 0 ... 1 000 ppmv	0 ... 100 / 0 ... 2 000 mg/m ³	B D					B D	B D	
SO ₂	0 ... 10 / 0 ... 300 ppmv ¹⁾	0 ... 25 / 0 ... 750 mg/m ^{3 1)}	C A						C A	→ Y17
	0 ... 20 / 0 ... 400 ppmv	0 ... 50 / 0 ... 1 000 mg/m ³	C B						C B	→ Y17
	0 ... 25 / 0 ... 500 ppmv	0 ... 75 / 0 ... 1 500 mg/m ³	C C						C C	
	0 ... 50 / 0 ... 1 000 ppmv	0 ... 130 / 0 ... 2 600 mg/m ³	C D						C D	
H ₂ S	0 ... 25 / 0 ... 500 ppmv	0 ... 40 / 0 ... 800 mg/m ³	D C					D C	D C	→ Y17
	0 ... 50 / 0 ... 1 000 ppmv	0 ... 75 / 0 ... 1 500 mg/m ³	D D					D D	D D	→ Y17
2. UV measured component										
Measured component	Smallest/largest measuring range									
none			0 0					0 0		
NO ₂	0 ... 10 / 0 ... 300 ppmv ¹⁾	0 ... 20 / 0 ... 600 mg/m ^{3 1)}	2 1					2 1	2 1	→ Y17
	0 ... 20 / 0 ... 400 ppmv	0 ... 40 / 0 ... 800 mg/m ³	2 2					2 2	2 2	→ Y17
	0 ... 25 / 0 ... 500 ppmv	0 ... 50 / 0 ... 1 000 mg/m ³	2 3					2 3	2 3	
	0 ... 50 / 0 ... 1 000 ppmv	0 ... 100 / 0 ... 2 000 mg/m ³	2 4					2 4	2 4	
SO ₂	0 ... 10 / 0 ... 300 ppmv ¹⁾	0 ... 25 / 0 ... 750 mg/m ^{3 1)}	3 1						3 1	→ Y17
	0 ... 20 / 0 ... 400 ppmv	0 ... 50 / 0 ... 1 000 mg/m ³	3 2						3 2	→ Y17
	0 ... 25 / 0 ... 500 ppmv	0 ... 75 / 0 ... 1 500 mg/m ³	3 3						3 3	
	0 ... 50 / 0 ... 1 000 ppmv	0 ... 130 / 0 ... 2 600 mg/m ³	3 4						3 4	
H ₂ S	0 ... 25 / 0 ... 500 ppmv	0 ... 40 / 0 ... 800 mg/m ³	4 3					4 3	4 3	→ Y17
	0 ... 50 / 0 ... 1 000 ppmv	0 ... 75 / 0 ... 1 500 mg/m ³	4 4					4 4	4 4	→ Y17
3. UV measured component										
Measured component	Smallest/largest measuring range									
none						X X				
SO ₂	0 ... 10 / 0 ... 300 ppmv ¹⁾	0 ... 25 / 0 ... 750 mg/m ^{3 1)}	C A					C A	C A	→ Y17
	0 ... 20 / 0 ... 400 ppmv	0 ... 50 / 0 ... 1 000 mg/m ³	C B					C B	C B	→ Y17
	0 ... 25 / 0 ... 500 ppmv	0 ... 75 / 0 ... 1 500 mg/m ³	C C					C C	C C	
	0 ... 50 / 0 ... 1000 ppmv	0 ... 130 / 0 ... 2 600 mg/m ³	C D					C D	C D	
H ₂ S	0 ... 25 / 0 ... 500 ppmv	0 ... 40 / 0 ... 800 mg/m ³	D C					D C	D C	→ Y17
	0 ... 50 / 0 ... 1 000 ppmv	0 ... 75 / 0 ... 1 500 mg/m ³	D D					D D	D D	→ Y17
Power cord										
EU standard, straight								0		
UK standard								1		
US standard								2		

1) Smallest measuring range 0...10 ppmv requires daily calibration and temperature-controlled environment (± 2 °C). Use of an additional calibration unit (B11, B12 or B13) recommended. 2 measured-value outputs are required on the I/O module for this measurement range switchover. A maximum of 4 measured-value outputs are available per I/O module. For versions with 3 sample gas components - including more than 1 component with measuring range 0...10/0...300 vpm - a second I/O module (option: A13) is required!

Selection and ordering data (continued)

Product description	
Additional versions	Order code
Please add "-Z" to Order No. and specify order code.	
Second IO module	A13
Calibration unit for 1st sample gas component	B11
Calibration unit for 1st and 2nd sample gas components	B12
Calibration unit for all 3 sample gas components	B13
Flow monitor	C11
Humidity monitor	C12
Pressure sensor (sample gas)	C14
Special setting (only in conjunction with an application no., e.g. special measuring range)	Y12
Extended special setting (only in conjunction with an application no., e.g. determination of cross-interferences)	Y13
Prepared for QAL1 (MCERTS), standard measured-value output in mg/m ³	Y17

Description	Quantity for 2 years	Quantity for 5 years	Order No.
Safety filter FI64	1	2	A5E03707235
Power supply units, 24 V DC, 10 A		1	A5E03707236
Distribution board		1	A5E03707240
FKM hose d = 3/5, length = 1 m	2	5	A5E03707757
MEDL UV lamp with heater	1	2	A5E03707918
Motor flange 3		1	A5E03707919
Motor flange 2		1	A5E03707920
Gas filter with holder, for measurement of NO	1	2	A5E03707921
SIPROCESS UV600 chamber H = 300 mm, aluminum		1	A5E03707925
Calibration chamber with holder for NO		1	A5E03707941
Calibration chamber with holder for SO ₂ and H ₂ S		1	A5E03707942
Calibration chamber with holder for NO ₂		1	A5E03707943
Heater with 380 mm long cable, for SIPROCESS UV600: MEDL, chamber, motor flange	1	2	A5E03707968
Moisture sensor	1	2	A5E03707969
Spare parts set - pressure sensor with gasket and O-ring		1	A5E03707970
Flow sensor with temperature sensor	1	2	A5E03707971
Diaphragm pump type 123, 24 V DC / 50 Hz		1	A5E03707986
Diaphragm assembly, EPDM for types 110-125	1	2	A5E03707987
O-ring for gas pump suspension	1	2	A5E03707988