

I-GRAPH X

Application: Natural Gas 1 (C6+ Energy Measurement)



XS



XPR



XPM



XPX

Natural Gas 1 C6+ Energy Measurement

App.Note: 71005

Analyser:
7X0-41-27-X-00-00-X-XX

Components sensitivity %

• O ₂ /N ₂	0,0200
• CH ₄	0,0100
• CO ₂	0,0100
• C ₂ H ₆	0,0100
• C ₃ H ₈	0,0100
• i-C ₄	0,0100
• n-C ₄	0,0100
• neo-C ₅	0,0100
• i-C ₅	0,0100
• n-C ₅	0,0100
• C ₆ +	0,0500

	I-GRAPH XS	I-GRAPH XPM	I-GRAPH XPR	I-GRAPH XPX
Order number	IG 87 00 30 - 057			
Technical Specifications				
Dimension (W x D x H)	31 x 29 x 10 cm	15 x 21 x 32.2 cm	48 x 41 x 14 cm	27 x 54 x 22 cm
Weight	3.5 kg	2.7 kg	4 kg	19 kg
Operating temperature	-20 °C up to +50° C			
Carrier gas	Helium			
Carrier gas supply	extern/mobile	external	external	external
Carrier gas ports	Vici, int. thread 10-32, tube 1/16"	Swagelok, ext. thread, tube 3mm		
Carrier gas ports optional (please ask for your request)	Vici, Swagelok, internal or external, tube 1/16", 1/8", 1/4", 3mm, 6mm			
Carrier gas pressure / regulation	3.5 bar +- 0.2 bar / internal mechanical pressure regulator			
Carrier gas consumption	approx. 5ml/min			
Sample Gas	non condensing			
Sample gas ports	Vici, int. thread 10-32, tube 1/16"	Swagelok, ext. thread ,tube 3mm		
Sample gas pressure / regulation	1.5 bar +- 0.2 bar / internal mechanical pressure regulator			
Sample gas consumption	approx. 0.5l/min via internal fast loop,			
Sample gas preparation	(optional) see option list			
Relative air humidity	< 60%			
Interface	USB or RS232	all interfaces possible (WLAN optional)		
Mechanical rating	IP44	IP44	IP44	IP 65 ATEX
Power in	24 VDC			
Power consumption	15 W average / up to max. 90 W (during injection and column conditioning)			