

Measurement parameters and performance

	MIN	TYP	MAX	UNITS	NOTES
Carbon Sample mass required	6	8		mg	
N ₂ O contamination level		5	10	ppb	
¹⁴ C content precision					
@ 10 minutes averaging time	2	3		pMC	
@ 60 minutes averaging time	1	2		pMC	
@ 240 minutes averaging time	0.3	1		pMC	
Accuracy	0.2	0.5		%	
¹⁴ C content measurement range	0		10 ⁴	pMC	with negligible memory effect
Limit of detection	1	3		pMC	

Specifications

	MIN	TYP	MAX	UNITS	NOTES
Power Supply	110	230		Vac	1P+N, 50Hz
Absorbed Power		2.5	3	kW	
External compressed air pressure	6		10	bar	
Weight		600		kg	
Size	200 x 110 x 160			cm	L x D x H
Warranty	1			year	
Safety Tested to	EN 61326-1; EN 55011 EN 61000-4-2; EN 61000-4-8 EN 61000-4-3				European Council Directive 2004/108/EC & European Council Directive 2006/95/EC

C14-SCAR

April 28th 2022

Information in this document is subject to change without notice. Copyright © 2019, ppqSense S.r.l. All rights reserved

