

MultiGasScan™ 300 Series

Model MGScan 300

For Hazmat All-in-One instrument

Multi-gas Detector + PID with SMART sensors and multi-range PID ppb capability



Special Features:

- The world's first multi-range PID instrument with SMART sensors for oxygen, combustible gases and any two combinations of toxic gases;
- Multi-range PID sensor from ppm to 10,000 ppm (ppb as option)
- Fast response and recovery during measurement;
- PID sensor with built-in humidity and temperature sensors on board for real-time compensation and accurate readings;
- Ex-approved for application in hazardous environment;
- Health and safety mode available;
- Simultaneous display of all readings in large LCD with backlit;
- Automatic and manual data-logging feature;
- Data-download to computer via USB cable;
- Comes with free interactive user-configurable software;
- Library with more than 250+ VOCs and their response factors;
- User customized input correction factors for desired VDCs;
- Interchangeable PID lamp available: 10.6eV (as standard), 9.8 eV, 11.7 eV
- Upgraded to higher version.



Ultra perfection.

Riding on the achievements from legacy of precision and inner functionality.

MultiGasScan™ Series

					Mo	del MC	Scan 300					
					Specific	ation:			MGScan 365	MGScan, 366	MGScan 385	MGScan 386
					эроспис	anon.			2	2	2	2
		0	0	9	Sensors	5 x sensors; plug-in t			٥	3	3	3
K						Type	Range					
			0	-0		PID (10.6 eV)	0-10,0000 ppm		9	3	3	3
1							1 ppb - 10,000 ppm * with temperature and humidity sensors on board		0	3	3	3
			(3)	a		Combustible Gases	0-100%LEL					
9			-			compositore ouses	0.0-5.0%Volome		3		3	3
N	-30	-70	156	La.		Oxygen	0-30.0% Yolume		•		3	3
		0	9	9		CO (Toxic 1)	0-999 ppm		0	9	3	3
1	- Company					H2S (Taxic 2)	0-100 ppm		0		3	3
			9			* Toxic Sensor 1 and 2	can be replaced with list of toxic sensors as follows:					
2		_				CI2	0.0-20.0 ppm					
	(30)	400	(30)			CI02	0.0-2.0 ppm					
				9		HCN	0-50 ppm					
Κ.	-	-				NH3	0-100 ppm		- 0	9		3
			0	-0		NO2	0.0-20.0 ppm					
2	-		-			PH3	0.0-5.0 ppm					
		430	400			SiH4	0-50 ppm					
			100	9		* other toxic sensors to	be updated; available on request.					
0	-70%	-	٥		Response factor	Built-in library for up	to 70 gases.		•	•	0	3
		100		10			ases and their response factors				3	3
K.						Editable chemical names and corresponding response factors for user customization,		nizotion,			9	3
	430	ON	6	Datalogging	User downloadable d			9	9	3	9	
2			-		Communication		USB; GDS-Scan PC software for instrument configuration	and data handling	3	3	3	3
		0	0	0	Upgradeable	Able to upgrade to hi	gher version of PIDScan series		9	3	3	3
	0	0	9			ecification to all		Display	l neno l f	D 23cmy 7cm	129v64 nivel	with hacklight
	(1)		(9)	- 10	Size Weight	арргох. 580 д	topering to 60 mm) x D52 mm	Keypad	12 11 10 17 17 17	Large LCD 23cmx7cm; 128x64 pixels with backlight Three tactile buttons operation		
2					The State of the S	The second second		no) pou				
100	ACCOUNT.				Megsurament	IFI	%LFL or %Vol /selectable)	Readout		neous and sin	ultaneous for	5 ous volues
100			(28)	ă.	Measurement	VOC	%LEL or %Vol (selectable)	Readout	Instanta			r 5 gas values 1 and 2
		0	0	3		VOC	ppm/ppb or mg/m3 (selectable)	Readout	Instanta TWA and	STEL values f	or VOC, Toxic	
3	9	9	9	3	Pump Alarms	VOC built-in; Standard tubi audible and visual ala high alarm (adjustabl	ppm/ppb or mg/m3 (selectable) ng length 3 m; Up to 50 m length as user options. rm (95 dB and LEDs)	Readout	Instanta TWA and High and Next cali Real-tim	STEL values for Low values for bration date e dock	or VOC, Toxic	
3	900	9	9	3	Pump	VOC built-in; Standard tubi audible and visual alo high alarm (adjustable low alarm (adjustable	ppm/ppb or mg/m3 (selectable) ng length 3 m; Up to 50 m length as user options. rm (95 dB and LEDs) e)		Instanta TWA and High and Next cali Real-tim Battery	STEL values for Low values for bration date e dack status	or VOC, Toxic or all gases	1 and 2
5	900	9 9	9 9 9	3 3	Pump	VOC built-in; Standard tubi audible and visual ala high alarm (adjustabl low alarm (adjustable STEL and TWA alarms	ppm/ppb or mg/m3 (selectable) ng length 3 m; Up to 50 m length as user options. rm (95 dB and LEDs) e)) (adjustable)	Tagging	Instanta TWA and High and Next cali Real-tim Battery s Add, rem	STEL values for Low values for bration date or dock status now and edit	or VOC, Toxic or all gases lags on measo	1 and 2
	900	9 9	9 9	3 3	Pump	VOC built-in; Standard tubi audible and visual ala high alarm (adjustable low alarm (adjustable STEL and TWA alarms additional diagnostic	ppm/ppb or mg/m3 (selectable) ng length 3 m; Up to 50 m length as user options. rm (95 dB and LEDs) e)) (adjustable) alarms	Tagging Op. Temperature	Instanta TWA and High and Next cali Real-tim Battery : Add, rem -20 deg	STEL values for Low values for bration date et dock status cover and edit to the +50 deg	or VOC, Toxic or all gases lags on measo C	1 and 2 urements
	9999	9999	9 9 9 9	3 3 3	Pump	VOC built-in; Standard tubi audible and visual ala high alarm (adjustable low alarm (adjustable STEL and TWA alarms additional diagnostic alarm and display for	ppm/ppb or mg/m3 (selectable) ng length 3 m; Up to 50 m length as user options. rm (95 dB and LEDs) e)) (adjustable) alarms	Tagging Op. Temperature Op. Humidity	Instanta TWA and High and Next cali Real-tim Battery Add, rem -20 deg	STEL values for Low values for bration date e dock status cove and edit (C to +50 deg o 95%RH (non	or VOC, Toxic or all gases lags on measi C	1 and 2 urements
3	0000		9 9 9	3 3 3	Pump	VOC built-in: Standard tubi audible and visual ala high alarm (adjustable low alarm (adjustable STEL and TWA alarms additional diagnostic alarm and display for low flow alarm	ppm/ppb or mg/m3 (selectable) ng length 3 m; Up to 50 m length as user options. rm (95 dB and LEDs) e)) (adjustable) alarms	Tagging Op. Temperature Op. Humidity Approval	Instanta TWA and High and Next cali Real-tim Battery : Add, rem -20 deg 0%RH t Ex ib d I	STEL values for Low values for bration date et dock status cover and edit to the +50 deg	or VOC, Toxic or all gases lags on measi C	1 and 2 urements
300	9999	9999	9 9 9	3 3	Pump	VOC built-in: Standard tubi audible and visual ala high alarm (adjustable low alarm (adjustable STEL and TWA alarms additional diagnostic alarm and display for low flow alarm vibrator alarm	ppm/ppb or mg/m3 (selectable) ng length 3 m; Up to 50 m length as user options. rm (95 dB and LEDs) e)) (adjustable) alarms	Tagging Op. Temperature Op. Humidity Approval IP rating	Instanta TWA and High and Next cali Real-tim Battery : Add, rem -20 deg 0%RH 1 Ex ib d I	STEL values for Low values for the bration date e dock status sove and edit (C to +50 deg to 95%RH (non IC T4 (pending	or VOC, Toxic or all gases lags on measi C -condensing)	1 and 2 urements
3	99999		3 3 3	3 3	Pump Alarms	VOC built-in: Standard tubi audible and visual ala high alarm (adjustable low alarm (adjustable STEL and TWA alarms additional diagnostic alarm and display for low flow alarm vibrator alarm calibration due alarm	ppm/ppb or mg/m3 (selectable) ng length 3 m; Up to 50 m length as user options. rm (95 dB and LEDs) e)) (adjustable) alarms low battery status	Tagging Op. Temperature Op. Humidity Approval IP rating EMI/RFI	Instanta TWA and High and Heat cali Real-lim Battery Add, rem -20 deg 0%RH t Ex ib d I 1P65 Complia	STEL values for Low values for bration date e dock status are to +50 deg to 95%RH (non IC T4 (pending nace to EN 5022)	or VOC, Toxic or all gases lags on measi C -condensing)	1 and 2
	99999		0 0 0 0		Pump Alarms	VOC built-in: Standard tubi audible and visual ala high atarm (adjustable low atarm (adjustable STEL and TWA atarms additional diagnostic atarm and display for low flow atarm vibrator atarm calibration due atarm automatic 2-point fie	ppm/ppb or mg/m3 (selectable) ng length 3 m; Up to 50 m length as user options. rm (95 dB and LEDs) e)) (adjustable) alarms	Tagging Op. Temperature Op. Humidity Approval IP rating	Instanta TWA and High and Next cali Real-tim Battery Add, rem -20 deg 0%RH t Ex ib d I 1P65 Complia	STEL values for Low values for bration date et acck status cove and edit to the control of the c	or VOC, Toxic or all gases lags on measi C -condensing)) 70 8 and docking	1 and 2
	999999		0 0 0 0 0	à	Pump Alarms Calibration Auto zero	VOC built-in: Standard tubi audible and visual ala high alarm (adjustable low alarm (adjustable STEL and TWA alarms additional diagnostic alarm and display for low flow alarm vibrator alarm calibration due alarm automatic 2-point fiel	ppm/ppb or mg/m3 (selectable) ng length 3 m; Up to 50 m length as user options. rm (95 dB and LEDs) e)) (adjustable) alarms low battery status	Tagging Op. Temperature Op. Humidity Approval IP rating EMI/RFI	Instanta TWA and High and Next cali Real-tim Battery Add, rem -20 deg 0%RH t Ex ib d I 1P65 Complia	STEL values for Low values for bration date e dock status are to +50 deg to 95%RH (non IC T4 (pending nace to EN 5022)	or VOC, Toxic or all gases lags on measi C -condensing)) 70 8 and docking	1 and 2
	999999				Pump Alarms	VOC built-in: Standard tubi audible and visual ala high alarm (adjustable STEL and TWA alarms additional diagnostic alarm and display for low flow alarm vibrator alarm calibration due alarm automatic 2-point fiel Yes rechargeable Li-ion b	ppm/ppb or mg/m3 (selectable) ng length 3 m; Up to 50 m length as user options. rm (95 dB and LEDs) e)) (adjustable) alarms low battery status	Tagging Op. Temperature Op. Humidity Approval IP rating EMI/RFI	Instanta TWA and High and Next cali Real-tim Battery Add, rem -20 deg 0%RH t Ex ib d I 1P65 Complia	STEL values for Low values for bration date et acck status cove and edit to the control of the c	or VOC, Toxic or all gases lags on measi C -condensing)) 70 8 and docking	1 and 2
30000	9999999			à	Pump Alarms Calibration Auto zero	VOC built-in: Standard tubi audible and visual ala high alarm (adjustable low alarm (adjustable STEL and TWA alarms additional diagnostic alarm and display for low flow alarm vibrator alarm calibration due alarm automatic 2-point fiel	ppm/ppb or mg/m3 (selectable) ng length 3 m; Up to 50 m length as user options. rm (95 dB and LEDs) e)) (adjustable) alarms low battery status	Tagging Op. Temperature Op. Humidity Approval IP rating EMI/RFI	Instanta TWA and High and Next cali Real-tim Battery Add, rem -20 deg 0%RH t Ex ib d I 1P65 Complia	STEL values for Low values for bration date et acck status cove and edit to the control of the c	or VOC, Toxic or all gases lags on measi C -condensing)) 70 8 and docking	1 and 2

The above specifications are correct as of the time of printing; Subject to changes due to on-going product improvements.



Distributed by: