



**NIEDERL**

LecksuchTechnik GmbH

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# RIVELGAS PLUS



Portable instrument for the detection of gas leaks on meters and for personal safety

RIVELGAS PLUS												
Code	100071	100072	100073	100074	100075	100076	100077	100078	100079	100080	100137	100141
<b>SENSORS</b>	RVG+ 01	RVG+ 02	RVG+ 03	RVG+ 04	RVG+ 05	RVG+ 06	RVG+ 07	RVG+ 08	RVG+ 09	RVG+ 10	RVG+ 13	RVG+ 14
0-100% LEL *CH <sub>4</sub> On these versions, you can activate the function of explosimeter (on demand)	X	X		X	X	X			X		X	X
0-100% VOL *CH <sub>4</sub>	X	X		X	X	X			X		X	X
0-10.000 PPM *CH <sub>4</sub>		X	X			X			X		X	X
0-30% O <sub>2</sub>				X		X						
0-2.000 PPM CO					X							X
0-10.000 PPM H <sub>2</sub>							X	X				
0-5% VOL H <sub>2</sub>								X				
0-100 PPM H <sub>2</sub> S									X			
0-100 PPM 5% VOL He										X		
PROBE											X	

\*On demand, with additional cost, calibrated on CH<sub>4</sub> and/or C<sub>3</sub>H<sub>8</sub>  
For other combinations, please contact the sales office



**RVG+ 13**



The Rivelgas Plus 13 can also setup for gas leak detection in PPM scale (CH<sub>4</sub> and/or C<sub>3</sub>H<sub>8</sub>) through the use of a flexible probe with a sensor in the upper part (diffusion operation).








HUBERG SAS - Huber Günther & C. • Sistemi di Sicurezza Gas e Acqua / Gas and Water Safety Systems  
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COMPLETION ACCESSORIES		
<b>107012</b>	<b>102002</b>	
		
Carrying case to transport the device and its battery charger	Battery charger for Rivelgas Plus - 220V. Complimentary, car battery charger with cigarette lighter socket 12V.	
OPTIONALS		
<b>107020</b>	<b>102010</b>	<b>201261</b>
		
Pouch for the instrument. Allows to carry it in order to allow an easy visualization during work	Car battery charger with cigarette lighter socket 12V. To be used only with art. 102002/102004	Dust filter Kit, in cellulose material 25pcs, to be inserted in the flexible tube -pack price
<b>102004</b>	<b>102000</b>	
		
220V power supply and communication with PC.	Bluetooth communication system. It allows the communication of the instrument with the PC (the equivalent of 102004).	






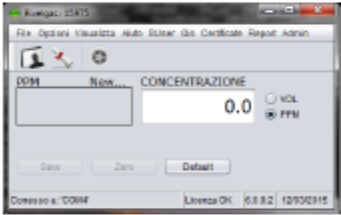


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DOCUMENTATION SYSTEMS	CONTROL SYSTEMS
<b>On request we provide detailed information about DOCUMENTATION and CONTROL systems:</b>	
<p><b>For the communication of the instrument with a PC, you need a communication cable (art. 102004) or Bluetooth (art. 102000).</b></p>  <p>220V power supply and communication with PC (art. 102004)</p>  <p>Bluetooth (art. 102000)</p>	 <p><b>HANDYGAS TWO</b> FOR A QUICK VERIFICATION OF THE CALIBRATION AND FLOW</p> <p>Portable instrument for the verifications of the calibration and flow, utilizable with two cylinders. The consumption of gas is handled manually.</p>
<p><b>The software provided by Huberg has no install limits, it can be installed on all machines that the customer wants.</b></p> <p><b>Every single copy of the software, in order to communicate with a specific instrument, must have a license file.</b></p> <p><b>The cost of the software is to be considered for the license file.</b></p>  <p>Contact the Technical Assistance for information about the software.</p>	 <p><b>QUICKTEST</b> FOR A QUICK VERIFICATION OF THE SENSIBILITY</p> <p>Portable instrument for the verification of the calibration. It is a gauge compatible with many types of disposable cylinders. The gauge guarantee automatically the escape of a minimum necessary gas for the verification of the sensibility. Only for instrument with suction.</p>
	 <p><b>TARMATIC</b> PROFESSIONAL CALIBRATION SYSTEM</p> <p>Professional instrument for the automatic supply of gases, for the verification of calibration and digital control of the flow. In combination with the right software you can perform an automatic calibration of the instrument (without operator).</p>

The photos shown in this offer are indicative.

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## TECHNICAL INFORMATION

	Range	Resolution	Minimum sensitivity
0-100% LEL CH <sub>4</sub>	1-100 % LEL	1%	0,1%
0-100% VOL CH <sub>4</sub>	1-100% VOL	1%	0,1%
0-10.000 PPM CH <sub>4</sub>	1-1000 PPM/1000-1%	5 PPM / 100 PPM	1 PPM
0-30% O <sub>2</sub>	0-30%	0,1%	1%
0-2.000 PPM CO	0-2000PPM	1PPM	5 PPM
0-10.000 PPM H <sub>2</sub>	0-1000 PPM/ 1000-1%	5 PPM/100 PPM	1 PPM
0-5% VOL H <sub>2</sub>	0 -5% VOL	0,1%	0,1%
0-100 PPM H <sub>2</sub> S	1-100 PPM	1 PPM	1 PPM

## SUCTION SYSTEM

Suction system	Membrane pump
Capacity of suction	0.2 l/min.



## CALIBRATION

Periodical calibration	Every 12 month (as ISO Standard) at HUBERG or service center authorized by HUBERG
Calibration with	With certified bottle

## POWER SUPPLY

Power Supply	Rechargeable NiMh batteries
Recharging of batteries	With Huberg battery charger ( to be carried out in a safe area)
Autonomy	More than 8 hours under normal working conditions

## CERTIFICAZIONE

  0123 II 2G Ex ib d IIC T4 Gb EN 60079-29-1
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## GENERAL TECHNICAL DATA

Environmental working condition	<input type="checkbox"/> temperature	-25 ÷ 50°C
	<input type="checkbox"/> humidity	< 95%
Environmental storage condition	<input type="checkbox"/> temperature	-40 ÷ 60°C
	<input type="checkbox"/> humidity	< 95%
Size (L x W x H)	145x70x33 mm without probe 290x70x33 mm with probe	
Weight	From 350 g	

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