

# HYDROTECH PLUS



## HYDROTECH PLUS– EQUIPMENT DESCRIPTION

100015 Gas leak detector Hydrotech Plus  
- H2 leaks detector



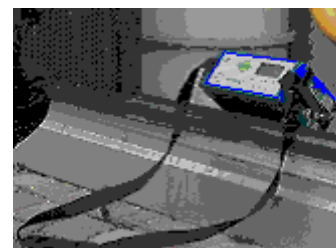
107003 Carrying case for Hydrotech Plus  
- to transport the device and its battery charger



1G2060031 Leather carrying pouch for instrument  
- to preserve instrument case

1G2060032 Shoulder strap for carrying pouch  
- to take the device on the shoulder

1G2060033 Rubber insert for shoulder strap  
- for comfort during work



1G2060050 Battery charger for Hydrotech Plus  
- 220V battery charger



## PROBES

105000 Carpet probe  
- to detect leaks in underground pipes



201189 Hydrotech Plus support kit for carpet probe  
- to transport the device on the probe and have a quicker response



1G2010014 Probe with tick and rubber cone  
- to find leaks through holes in the ground



1G2010015 Flexible probe  
- to check air pipes, connections and junctions



1G2010016 Sucker probe  
- to check pipes in uneven ground



## OPTIONALS

102009 Car battery charger  
- 12V battery charger with cigar lighter connection



1G2090034 Carrying case for instrument and internal probe  
- to transport device, flexible probe and battery charger



402035 Antiwater filter 60 mm PTFE 0.45 um  
- inserted in tubes of probes, to avoid the water going inside the device in case of accidental sucking



402004 Dust filter for probes (in packet of 10 pieces) – price per filter  
- to prevent a pump block due to dust



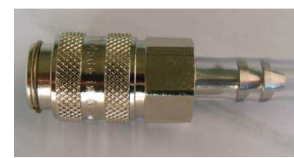
1G2180000 Antiwater filter aluminium support  
- to prevent damage in case of sucking water thanks to its directly connection to the device



402030 Antiwater filter 25 mm PTFE 0,45 um  
- to insert in antiwater filter aluminium support using quick connectors



406009 Female quick connector for probes  
- to connect probes to device



417005 Flexible 8x4 pipes (pack: 100 m) – price per cm



**SPECIAL PROBES**

1G2010018 Carpet probe with mechanical meter-counter  
- for knowing how many kilometres of pipes have been controlled



201190 Hydrotech Plus support kit for carpet probe with mechanical meter-counter  
- to transport the device directly on the probe and measure length of controlled pipes during research

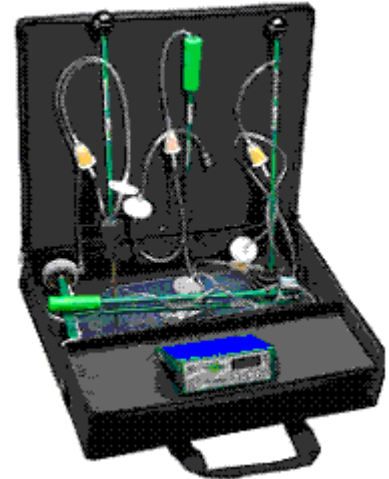


100043 Probe 4.5 m  
- for high pipes



## PROBES FOR EMERGENCY CALL

- 100030 Folding carpet probe for emergency call  
- smaller size and wheels to be contained in E.C. case
- 100029 Probe with tick and rubber cone for emergency call  
- smaller size to be contained in E.C. case
- 1G2010015 Flexible probe for emergency call  
- smaller size to be contained in E.C. case
- 100035 Sucker probe for emergency call  
- smaller size to be contained in E.C. case
- 107010 Black carrying case for emergency call  
- it contains device and four probes



## DIGITAL DOCUMENTATION KIT

- 102011 Bluetooth for Hydrotech Plus  
- for wireless communication with **PDA or PC**
- 201187 Palm kit for carpet probe  
- for an easier use with carpet probe
- 422022 Palm PDA (standard version)  
- for digital documentation
- 707023 Software Hydrotech Plus PDA 2009  
- for saving leaks and GPS data on the **palm** for a useful data processing after work
- 707059 Software Hydrotech Plus BT 2010  
- for saving leaks and GPS data on the **PC**, having a real time graph and for a useful data processing after work



707060 GMondi for Hydrotech Plus  
- for having a real time GPS position on your own cartography on PC  
installation by your own with CD



707061 GMondi for Hydrotech Plus  
- for having a real time GPS position on your own cartography on PC  
preinstalled by Huberg

707054 GMondi Office  
- for planning work before leak searching

On demand



422034 Panasonic - UMPC Rugged

020042 MapPoint  
- for an automatical entry of streets

On demand

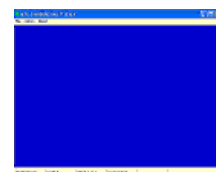


020043 PARF  
- for watching log files also in graphic format

On demand



1G2060075 Data transfer software MTX2-HYD+ 1.1  
- for saving device memory data on the PC leak position and path (export in txt-format) possibility to convert the txt-file in google-earth format .klm

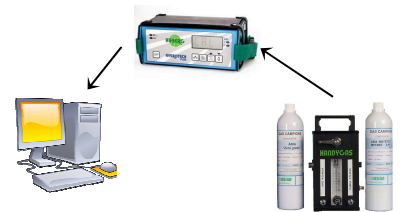


## REALLINEATION KIT

- 100012 Handygas  
- portable instrument for verifying calibration and for flow control



- 102018 Reallineation software for Hydrotech Plus with data transfer cable  
- instrument can be reallineated by the user using a PC



**The photos shown in this offer are indicative.**

## TECHNICAL INFORMATIONS

### MEASURING SYSTEM

<b>Gas detected</b>	<b>H<sub>2</sub></b>		
Scale	PPM, % VOL		
Minimum gas detected	10 PPM		
Measuring ranges PPM	0 ÷ 9900 PPM		
Measuring ranges VOL	0 ÷ 5% VOL		
Measuring range	<b>0 ÷ 9900 PPM - PPM SCALE</b>		
	Range	Resolution	Error
	<input type="checkbox"/> 0 ÷ 990 PPM	5 PPM	± 5% f.s.
	<input type="checkbox"/> 1000 ÷ 9900 PPM	100 PPM	± 5% f.s.
Measuring range	<b>0 ÷ 5% VOL - VOL SCALE</b>		
	Range	Resolution	Error
	<input type="checkbox"/> 0% ÷ 5% VOL	0,1% VOL	± 5% f.s.
Alarm	<input type="checkbox"/> acoustic	<input type="checkbox"/> optical	
Alarm threshold	can be adjusted unrestrictedly in every measuring range		
Response time (t <sub>90</sub> )	< 12 s (instrument with probe)		
Zeroing time (t <sub>10</sub> )	< 15 s (instrument with probe)		
Data Memory	500 measures		
Transfer data on PC	Using cable and software (optionals)		

<b>Gas detected</b>	<b>H<sub>e</sub></b>		
Scale	PPM, % VOL		
Minimum gas detected	50 PPM		
Measuring ranges PPM	0 ÷ 9900 PPM		
Measuring ranges VOL	0 ÷ 5% VOL		
Measuring range	<b>0 ÷ 9900 PPM - PPM SCALE</b>		
	Range	Resolution	Error
	<input type="checkbox"/> 0 ÷ 9900 PPM	100 PPM	± 5% f.s.
Measuring range	<b>0 ÷ 5% VOL - VOL SCALE</b>		
	Range	Resolution	Error
	<input type="checkbox"/> 0% ÷ 5% VOL	0,1% VOL	± 5% f.s.
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### SUCTION SYSTEM

Suction system	Membrane pump
Pump capacity	1.2 l/min
Filters built-in	Internal filter against humidity

### CALIBRATION

Periodical calibration	Every 12 month (according to ISO Standard)
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Certificato UNI-EN-ISO 9001

## CERTIFICATION

European certification	CE Certificate of conformity
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## POWER SUPPLY

Power supply	ecological, rechargeable NiMH batteries without memory effect
Recharging of batteries	with Huberg battery charger
Autonomy	8 hours under normal working conditions
Recharging time	min. 12 hours
Frequency of recharging	min. every 4 weeks whereat the batteries have to be discharged before

## GENERAL TECHNICAL DATA

Environmental working conditions	<input type="checkbox"/> Temperatures	-10 ÷ 40°C
	<input type="checkbox"/> Humidity	< 95%
Environmental storage conditions	<input type="checkbox"/> Temperature	-40 ÷ 60°C
	<input type="checkbox"/> Humidity	< 95%
Sound level of buzzer (30 cm)	85 dB (A)	
Size (L x H x W)	200 x 80 x 120 mm	
Weight	Abour 2600 g	
Used materials	90% recyclable	
Protection grade	IP54	