



HYDRO

## ORTOMAT-CLASSIC

### Technical Datasheet

#### ORTOMAT Data logger complete with radio and vibrophone

Weight	ORTOMAT one-part 480gr.
Measure	ORTOMAT one-part d=40mm x 155mm
Weight	ORTOMAT two-part 620gr
Measure	Logger d=40mm x 120mm Sensor d=40mm x 70mm Cable length 350mm
Power supply	3.6V / 3.40Ah Lithiumbatt. (fixed installed)
Protection class	IP 68
Operating temp.	-10°C to +50°C
Humidity	0-100% RH
Battery service life	approx. 5 years (dependant on configuration)
Wave band	430 MHz Band / 10mW, 10% Duty Cycle
Band wide	433.92MHz +/-50 kHz
Data rendering	Digital walkie-talkie signal
Rendering time	0,6 sec. / complete data movement
Radio range	approximately 100m by visibility connection
Vmax-transit selection	80km/h by 1 sec sendpuls
Connection to computer	USB or RS 232
Data memory	40 measuring days
Sensor technology	vonRoll hydro-Piezotechnology for noise reception
Certification	CE (Conformité Européenne)



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### **ORTOMAT-Controller**

Weight	530 gr.
Measure L x B x H	240 x 95 x 54mm
Measure Display L x B	43 x 64mm
Protection class	IP 54
Operating temp.	-10°C to +50°C
Humidity	0-95% RH
Power supply intern	4x 1.5V Alkaline-batteries
Bustle time	about 20h
Power supply extern	12Vdc
Connection to computer	USB or RS 232
Output data controller	indicate display controller
1 (Controller)	Address / leak status / 40 days diagram
Output data Software 1-4	ORTOMAT®-Software
2 (Software):	Address / leak status / 40 days diagram / Report
Radio communication	Digital
Antenna connection	BNC
Data memory	ca. 500 komplette Datensätze



### **PC-Software**

Manufacturer/License	vonRoll Plc.
Name	ORTOMAT PC-Software
Programming language	C++
Installer	no -> Executable exe file

### **System requirements (OS)**

Operating System	MS Win XP / VISTA / 7 / 8 / 10
Required ports	min. 1x USB (version 1.0 or higher)
Display resolution	1280x1024
Additional software	no
Free memory	1-10 MB (depends on number of measuring points)

