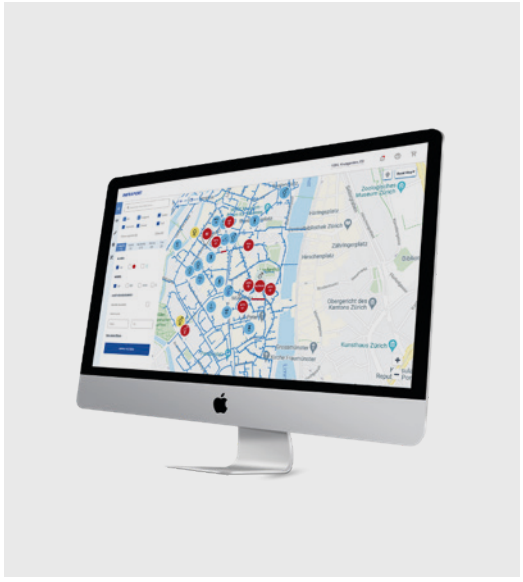
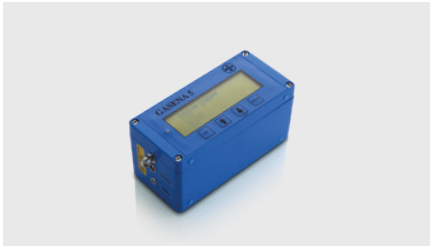
HYDRO
ZEROWATERLOSS

MEASUREMENT TECHNOLOGY AND SERVICES

Full pricelist catalogue 2023 (excl. VAT)

Engineering support and customized products on request www.vonroll-hydro.world/support





DUKTUS KEULA ALTECNO

ZEROWATERLOSS
vonroll-hydro.world

VROLL HYDRO

ZEROWATERLOSS

TABLE OF CONTENTS

04 Infrastructure monitoring devices

05 Correlating noise loggers

07 Noise loggers

13 Noise detectors

15 Correlators

17 Pipe detectors

19 Valve detectors

20 Gas detectors

22 INFRAPORT Abonnements

ZEROWATERLOSS VISION BECOMES REALITY

Valued customers and business partners

Water is the foundation of life – this goes without saying. Despite this (or even because of this), we are not prepared to pay the right price for good, clean and safe water, or make investments to allow water to be safely transported using sustainable infrastructure, to retain its quality and to prevent theft and waste.

After decades of engagement with the issue of water, VONROLL HYDRO has developed the ZEROWATERLOSS mission statement. In doing so, we have seen how ZEROWATERLOSS has become a global challenge. Summer 2003 was the first time that even countries in Europe with plenty of water were shown how vulnerable the foundation of our life and our quality of life is. 2018 refreshed the (gladly suppressed) memory. In many places, sinking groundwater levels have been registered for years, and a significant portion of worldwide migration movements could be attributed to the increasing lack of water or conflicts connected to the control of water reserves. In addition to climate change, the key causes of water shortages are population growth, demands on the standard of living, overexploitation and ignorance. Where the Aral Sea still stood until recently, there are now dry boatyards in the desert. In many countries, over 50 % of the water generated in an energy-intensive manner in desalination plants gets lost on the way to the consumer.

The ZEROWATERLOSS mission statement (www.zerowaterloss.world) presents the counter-thesis: Water is a key part of the intergenerational contract. We must build infrastructure today with first-class, long-lasting components. Water quality and water use must be monitored and safeguarded with innovative products and services (HYDROPORT and INFRAPORT as the foundations of smart cities and smart villages). The components required here for our infrastructure should ideally be manufactured regionally. This allows our values, which are reflected, for instance, in labour and environmental protection laws, to feed into our infrastructure. Thanks to short transport distances, CO_2 and exhaust gas pollution are minimised at the same time.

Together with you, our customers and business partners, we want to see ZEROWATERLOSS become a reality, with integrated and coordinated products and services worldwide. The new VONROLL HYDRO 2023 full catalogue forms a solid foundation for joint commitment. Our engineering teams are glad to have the chance to support you in planning and implementing large and small infrastructure projects.

ZEROWATERLOSS – so that water also remains a safe foundation of life for our descendants.

On behalf of the companies of the VONROLL HYDRO Group

Jürg Brand
President of the Board of Directors

Marta Lozano
Director ZEROWATERLOSS

1

We recognise

discrimination-free access to clean water as a universal human right.

2

We are committed to

not using more water than can sustainably flow back – Supplying our customers with high-quality water – Feeding used water back into circulation once purified.

3

We favour

recycled and recyclable materials (ideally with no degradation), which are manufactured and transported with as little CO_2 and exhaust gas pollution as possible.

4

We respect

the intergenerational contract by using high-quality and long-lasting products and services, and paying the right price for them.

INFRASTRUCTURE MONITORING DEVICES

TELL & TELL+

Housing:	OCEAN PLASTIX Polyethylen (PE-HD) IP68
Dimensions:	90 x 45 x 32 mm (device alone) | 134 x 45 x 36 mm (incl. small antenna and mounting adapter)
Weight:	± 115 g (device incl. batteries) | 125 g (device incl. batteries, small antenna and mounting adapter)
Battery:	2 x type AA 1.5 V Energizer Lithium L91 (replaceable) | Life: ± 4 years
Communication:	4G IoT (LTE Cat M1 / LTE Cat NB2) | SIM chip (ES) / Micro-SIM (SC) | IrDA
Type of sensor:	Motion / acceleration | magnetic contact | temperature
Data visualisation:	Android and iOS App | Web Application INFRAPORT

Number	Description	Item no.	Price/unitCHF CHF
	TELL (4G IoT-EX-ES 01-IR) Set 01	**22000**	**199.00**
	Contents:		
1	TELL (4G IoT-EX-ES 01-IR); w/o batteries	22001	
1	TELL Mounting Adapter	22002	
1	TELL Magnetic actuator	22003	
1	GSM/UMTS 2-4G antenna, Dipol ¼ flex, SMAm VEDYG405	20989	
2	Battery Energizer Lithium L91 Typ AA 1,5V	21020	

Note: Communication costs 1 year included.
After that 18.00 CHF per year and device or 12.00 CHF for customers with INFRAPORT.

TELL (4G IoT-EX-ES 01-IR)
Set 01
Item no.: 22000 199.00 CHF

TELL (4G IoT-EX-SC-IR)
Set 01
Item no.: 22004 199.00 CHF

TELL+ (4G IoT-EX-ES 01-IR)
Set 01
Item no.: 22008 199.00 CHF

TELL+ (4G IoT-EX-SC-IR)
Set 01
Item no.: 22010 199.00 CHF

Individual parts and accessories

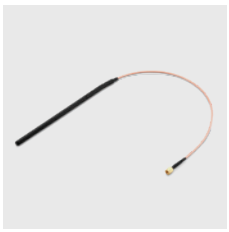
TELL (4G IoT-EX-ES 01-IR)
w/o batteries
Item no.: 22001 190.00 CHF

TELL (4G IoT-EX-SC-IR)
w/o batteries
Item no.: 22005 190.00 CHF

TELL+ (4G IoT-EX-ES 01-IR)
Device
Item no.: 22009 190.00 CHF

TELL+ (4G IoT-EX-SC-IR)
Device
Item no.: 22011 190.00 CHF

GSM/UMTS 2-4G antenna,
Dipol ¼ flex, SMAm VEDYG405
Item no.: 20989 12.00 CHF



GSM/UMTS drilling antenna
868 MHz/2-4G, λ ½
Item no.: 20990 48.00 CHF

Extension for antenna cable,
0.4m
Item no.: 20991 44.00 CHF

Extension cable for antenna
cable, 3.0m
Item no.: 20992 52.00 CHF

Extension cable for antenna
cable, 1.0m
Item no.: 20993 43.00 CHF

Extension cable for antenna
cable, 5.0m
Item no.: 20994 61.00 CHF

CORRELATING NOISE LOGGERS

ORTOMAT-MTC

Water leak detection (pre-location) | Analysis of water losses | Manipulation protection HYDROALERT

Housing:	Data logger: Stainless steel IP68 | Sensor: Stainless steel IP68
Dimensions:	Data logger: ø 43.4 × 123 mm | Sensor: ø 40 × 95 mm
Weight:	Data logger: ± 330 g | Sensor: ± 400 g
Battery:	4 × Type AA 1.5 V Energizer lithium L91 (replaceable) | Operating life: ± 4 years (standard programming)
Communication:	IrDA | 4G (LTE Cat 1 / UMTS & HDSPA+ / GPRS & EDGE) | LTE-M / NB-IoT (LTE Cat M1 / LTE Cat NB2 / GPRS & EDGE) | SIM chip (ES) / Micro SIM (SC)
Data visualisation:	INFRAPORT web application | E-mail alert
Programming:	PC software via IrDA or remote OTA (over-the-air)

Number	Description	Item no.	Price / unit CHF
	ORTOMAT-MTC Starter-Kit	**20895**	**13'274.00**
	Contents:		
10	ORTOMAT-MTC (04G-EU1-SC); w/o batteries	23760	
10	VIBROPHONE for ORT-MTC / cable 0.4m, axial	20935	
10	FM Adapter for VIBROPHONE / 0.3m / axial	20938	
10	Extension for VIBROPHONE cable / 1m / axial	20939	
10	GSM/UMTS drilling antenna 868 MHz/2-4G, λ½	20990	
10	Magnetic holder for logger	21011	
1	FTP account creation, incl. project creation (once per system)	20084	
1	INFRAPORT PROFESSIONAL with object	93775	
10	INFRAPORT PROFESSIONAL annual fee per Smart Object	93777	

* Included once for new customers
Note: Communication costs not included

Individual parts and accessories

ORT-MTC (04G-US1-SC)
w/o battery

Item no.: 20888 889.00 CHF

ORTOMAT-MTC
(04G-LTE-M-SC)
w/o batteries

Item no.: 20890 889.00 CHF

ORTOMAT-MTC
(04G-EU1-SC)
w/o batteries

Item no.: 20897 889.00 CHF

VIBROPHONE for ORT-MTC /
cable 0.4m, radial

Item no.: 20930 283.00 CHF

VIBROPHONE for ORT-MTC /
cable 0.4m, axial

Item no.: 20935 283.00CHF

VIBROPHONE 150°C ORT-MTC
cable 5m axial

Item no.: 20934 342.00 CHF

VIBROPHON pour ORT-MTC
câble 2m, antenne incluse

Item no.: 20954 283.00 CHF

FM Adapter for VIBROPHONE /
0.3m / axial

Item no.: 20938 34.00 CHF

Extension for VIBROPHONE
cable / 1m / axial

Item no.: 20939 36.00 CHF

Extension for VIBROPHONE
cable / 2m / axial

Item no.: 20940 48.00 CHF

Extension for VIBROPHONE
cable / 5m / axial

Item no.: 20942 62.00 CHF

GSM/UMTS 2-4G antenna,
Dipol ¼ flex, SMAm VEDYG405

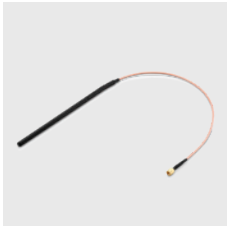
Item no.: 20989 12.00 CHF

CORRELATING NOISE LOGGERS

ORTOMAT-MTC

Water leak detection (pre-location) | Analysis of water losses | Manipulation protection HYDROALERT

Individual parts and accessories



GSM/UMTS drilling antenna 868 MHz/2-4G, λ½

Item no.: 20990 48.00 CHF

Extension for antenna cable, 0.4m

Item no.: 20991 44.00 CHF

Extension cable for antenna cable, 3.0m

Item no.: 20992 52.00 CHF

Extension cable for antenna cable, 1.0m

Item no.: 20993 43.00 CHF

Extension cable for antenna cable, 5.0m

Item no.: 20994 61.00 CHF

Fibreglass manhole cover / magnetic holder

Item no.: 20996 150.00 CHF

Fibreglass manhole cover w. integr. 868 MHz / 2–4G print antenna, cable 0.4m, SMAm

Item no.: 20997 282.00 CHF

Battery Energizer Lithium L91 Typ AA 1,5V

Item no.: 21020 4.00 CHF

Magnetic holder for logger

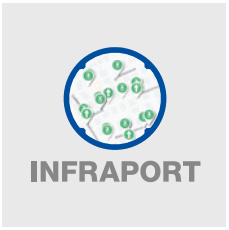
Item no.: 21011 40.00 CHF

ORTOMAT-MTC (O4G) IrDA-Interface

Item no.: 23782 505.00 CHF

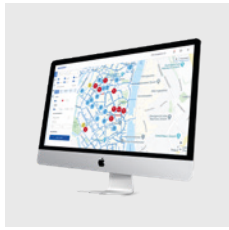
Demonstration case ORT-MTC

Item no.: 20948 345.00 CHF



FTP account creation, incl. project creation (once per system)

Item no.: 20084 256.00 CHF



INFRAPORT Subscriptions

See page 22

NOISE LOGGERS

ORTOMAT-LORA

Water leak detection (pre-location) | Water loss analysis

Housing:	Data logger: Polyethylene (PE) IP68 | Sensor: Stainless steel IP68
Dimensions:	Data logger: ø 29 × 102 mm | Sensor: ø 40 × 95 mm
Weight:	Data logger: ± 78 g | Sensor: ± 400 g
Battery:	3.6 V / 2.60 Ah Lithium cell permanently installed | Operating life: ± 5 years (standard programming)
Communication:	IrDA | LoRa
Data visualisation:	INFRAPORT web application
Programming:	PC software via IrDA or remote OTA (over-the-air)

Number	Description	Item no.	Price/unit CHF
	ORTOMAT-LORA Starter-Kit	**21022**	**10'714.00**
	Contents:		
10	ORTOMAT-LORA (MIC-TA); with Battery	21018	
10	VIBROPHONE for ORT-MTC / cable 0.4m, axial	20935	
10	Extension for VIBROPHONE cable / 1m / axial	20939	
10	GSM/UMTS drilling antenna 868 MHz/2-4G,λ ½	20990	
10	Magnetic holder for logger	21011	
	FTP account creation, incl. project creation (once per system)*	20084	
	INFRAPORT PROFESSIONAL with object	93775	
10	INFRAPORT PROFESSIONAL annual fee per Smart Object	93777	

* Included once for new customers
Note: Communication costs not included

Individual parts and accessories

ORTOMAT-LORA (MIC-TA)

Item no.: 21018 666.00 CHF

VIBROPHONE for ORT-MTC / cable 0.4m, radial

Item no.: 20930 283.00 CHF

VIBROPHON for ORT-MTC cable 0.4 m, axial

Item no.: 20935 342.00 CHF

VIBROPHON for ORT-MTC cable 2m, axial, incl. FM antenna

Item no.: 20954 283.00 CHF

VIBROPHON 150°C ORT-MTC cable 5 m, axial

Item no.: 20934 36.00 CHF

Extension cable for VIBROPHON / 1 m, axial

Item no.: 20939 48.00 CHF

Extension cable for VIBROPHON / 2 m axial

Item no.: 20940 62.00 CHF

Extension cable for VIBROPHON / 5 m axial

Item no.: 20942 48.00 CHF

Antenna 868 MHz / 2–4G λ/2, borehole

Item no.: 20990 44.00 CHF

Fibreglass gate valve cover with antenna 868 MHz / 2–4G, cable 0.4 m, SMAm

Item no.: 20997 52.00 CHF

Fibreglass gate valve cover magnetic fixing

Item no.: 20996 43.00 CHF

Extension cable for GSM antenna, 0.4 m

Item no.: 20991 61.00 CHF

Extension cable for GSM antenna, 1 m

Item no.: 20993 150.00 CHF

Fibreglass manhole cover w. integr. 868 MHz / 2–4G print antenna, cable 0.4m, SMAm

Item no.: 20997 282.00 CHF

ORTOMAT-MTC (04G) IrDA-Interface

Item no.: 23782 505.00 CHF

NOISE LOGGERS

ORTOMAT-LORA

Water leak detection (pre-location) | Water loss analysis

Individual parts and accessories

Magnetic holder for logger

Item no.: 21011 40.00 CHF

Creating the project account (once per system)

Item no.: 20084 256.00 CHF

INFRAPORT abonnements

See page 22

NOISE LOGGERS

ORTOMAT-LC

Water leak detection (pre-location) | Water loss analysis

Housing:	Polyethylene (PE) IP68
Version:	With or without mounting eye
Dimensions:	With mounting eye ø 29 × 165 mm | Without mounting eye ø 29 × 129 mm
Weight:	± 150 g
Battery:	3.6 V / 2.60 Ah lithium cell, permanently installed
Battery life:	± 5 years (standard programming)
Data visualisation:	LED (local) | 433 MHz wireless receiver | PC software | INFRAPORT web application

Number	Description	Item no.	Price / unit CHF
	ORTOMAT-LC starter kit	**20696**	**5'400.00**
	Contents:		
10	ORTOMAT-LC	20702	
1	ORTOMAT system case / 20 pcs	20751	

Individual parts and accessories

ORTOMAT-LC

Item no.: 20702 548.00 CHF

ORTOMAT-LC
with mounting eye

Item no.: 20705 626.00 CHF

ORTOMAT HyTec
axial (20 cm)

Item no.: 20707 841.00 CHF

ORTOMAT system case /
20 pcs

Item no.: 20751 331.00 CHF

ORTOMAT-CONTROLLER
incl. antenna

Item no.: 20710 4'346.00 CHF

RFID programming interface

Item no.: 20740 852.00 CHF

CAR continuous input cable
controller 12 VDC

Item no.: 20755 43.00 CHF

USB connection cable
type A-A, 1.0 m

Item no.: 20735 11.00 CHF

Battery alkaline
type AA 1.5V

Item no.: 20144 4.00 CHF

ORTOMAT
accessories case

Item no.: 20752 201.00 CHF

Compl. mounting bracket
with magnet

Item no.: 20795 34.00 CHF

Rod antenna 433 MHz
BNCm

Item no.: 23182 103.00CHF

Vehicle external antenna with
magnetic base, cable 5 m

Item no.: 20780 221.00 CHF

ORTOMAT PC software

Item no.: 20715 1'814.00 CHF

Creating the project account
(once per system)

Item no.: 20084 256.00 CHF

NOISE LOGGERS

ORTOMAT-LC

Water leak detection (pre-location) | Water loss analysis

Individual parts and accessories

Integration of ORTOMAT-CLASSIC list into INFRAPORT

Item no.: 20717 640.00 CHF

INFRAPORT abonnements

See page 22

NOISE LOGGERS

ORTOMAT-CLASSIC Water leak detection (pre-location) | Water loss analysis

Housing:	POM and stainless steel IP68
Version:	One-part: With or without mounting eye | Two-part
Dimensions:	One-part ø 40 × 190 mm (without mounting eye 155 mm) | Two-part: Data logger ø 40 × 120 mm and sensor ø 40 × 70 mm
Weight:	One-part: ± 480 g | Two-part: ± 620 g
Battery:	3.6 V / 2.60 Ah lithium cell, permanently installed
Battery life:	± 5 years (standard programming)
Data visualisation:	433 MHz wireless receiver | PC software | INFRAPORT web application

Number	Description	Item no.	Price/unit CHF
	ORTOMAT-CLASSIC Starter-Kit	**20698**	**14'816.00**
	Contents:		
10	ORTOMAT-Classic / 1 piece	20700	
1	ORTOMAT Case / 20 units	20751	
1	ORTOMAT Controller with antenna	20710	
1	RFID programming interface	20740	
1	USB cable Type A-A, 1.0m	20735	
1	12 VDC cigarette lighter power supply for Ortomat Receiver	20755	
4	Battery Type LR6 1.5V	20144	
1	ORTOMAT Accessory case	20752	
1	ORTOMAT PC software	20715	
1	FTP account creation, incl. project creation (once per system)	20084	
1	Integration ORTOMAT-Classic Liste in INFRAPORT*	20717	
1	INFRAPORT PROFESSIONAL with object	93775	
10	INFRAPORT PROFESSIONAL annual fee per Smart Object	93777	

Individual parts and accessories

ORTOMAT-Classic / 1 pièce

Item no.: 20700 683.00 CHF

ORTOMAT-Classic / 2-piece, radial (40cm)

Item no.: 20701 825.00 CHF

ORTOMAT-Classic / 2-piece, axial (40cm)

Item no.: 20706 825.00 CHF

ORTOMAT-Classic / 1-piece with eyelet for sling

Item no.: 20708 721.00 CHF

ORTOMAT Controller with antenna

Item no.: 20710 4'346.00 CHF

ORTOMAT PC software

Item no.: 20715 1'814.00 CHF

USB cable Type A-A, 1.0m

Item no.: 20735 11.00 CHF

RFID programming interface

Item no.: 20755 852.00 CHF

ORTOMAT Case / 20 units

Item no.: 20751 331.00CHF

ORTOMAT Accessory case

Item no.: 20752 201.00 CHF

12 VDC cigarette lighter power supply for Ortomat Receiver

Item no.: 20755 43.00 CHF

Protective cover for Hydrant 5000S

Item no.: 20760 89.00 CHF

Protective cover for Hydrant HYPLUS

Item no.: 20765 103.00 CHF

Vehicle external antenna with magnetic base, 5m cable

Item no.: 20780 221.00 CHF

Preparation kit for the installation of ortomat in the CLASSIC hydrant

Item no.: 33415 82.00 CHF

NOISE LOGGERS

ORTOMAT-CLASSIC Water leak detection (pre-location) | Water loss analysis

Individual parts and accessories

Key for the cover of the ORTOMAT sleeve

Item no.: 20785 27.00 CHF

Valve stem head with M4 female thread (magnetizable)

Item no.: 20786 87.00 CHF

Flat magnetic clamp D=25x7mm with bore and counterbore

Item no.: 23100 8.00 CHF

Rod antenna 433 MHz / BNCm

Item no.: 23182 103.00 CHF

NOISE DETECTORS

TERRALOG

Water leak detection (pre-location)

Housing:	Handheld device: Glass beads reinforced PA IP54
Dimensions:	Handheld device: 175 × 85 × 35 mm | Sensor: ø 40 × 110 mm
Weight:	Handheld device: ± 370 g | Sensor: ± 570 g
Battery:	4 × type AA 1.5 V (alkaline-manganese / zinc-carbon / lithium) or 4 × type AA 1.2 V NiMH accu
Battery life:	± 50 h
Measurement display:	LCD graphic display
Audio transmission:	Bluetooth 2.1 (Class II) aptX Audio-Codec | Cable

Number	Description	Item no.	Price/unit CHF
	TERRALOG device set	**20260**	**4'439.00**
	Contents:		
1	TERRALOG handheld device	20285	
1	VIBROPHON (cable 1.8 m)	20220	
1	Bluetooth headphones (Sony MDR-XB950N1)	20678	
1	VIBROPHON tripod	20245	
1	Three-part rods incl. adaptor	20280	
1	USB charger adaptor (in-car)	20156	
1	USB charger adaptor (mains)	20157	
1	USB connection cable type A-A, 1.0 m	20735	
1	Lanyard	20265	
4	Battery alkaline type AA 1.5V	20144	
1	TERRALOG device case	20272	

Individual parts and accessories

TERRALOG handheld device

Item no.: 20285 3'655.00CHF

VIBROPHON (cable 1.8 m)

Item no.: 20220 314.00 CHF

Bluetooth headphones (Sony MDR-XB950N1)

Item no.: 20678 350.00 CHF

VIBROPHON tripod

Item no.: 20245 58.00 CHF

Three-part rods incl. adaptor

Item no.: 20280 112.00 CHF

USB charger adaptor (in-car)

Item no.: 20156 8.00 CHF

USB charger adaptor (mains)

Item no.: 20157 6.00 CHF

USB connection cable type A-A, 1.0 m

Item no.: 20735 11.00 CHF

Lanyard

Item no.: 20265 5.00 CHF

Battery alkaline type AA 1.5V

Item no.: 20144 4.00 CHF

TERRALOG device case

Item no.: 20272 208.00 CHF

Ground microphone "WINDY"

Item no.: 20229 574.00 CHF

Extension cable for VIBROPHON, 3 m

Item no.: 20222 77.00 CHF

Extension cable for VIBROPHON, 5 m

Item no.: 20223 120.00 CHF

Extension cable for VIBROPHON, 10 m

Item no.: 20224 128.00 CHF

NOISE DETECTORS

TERRALOG

Water leak detection (pre-location)

Individual parts and accessories

Probe 135 × 0.8 cm

Item no.: 20270 308.00 CHF

CORRELATORS

LOG3000 BT

Water leak detection (pinpoint detection) | Mobile Bluetooth correlator

Housing:	Receiver and transmitter: ABS UL94-0 IP54 | Sensor: Stainless steel IP68
Dimensions:	Receiver: 175 × 90 × 40 mm (without antenna) | Transmitter: 145 × 85 × 48 mm (without antenna) | Sensor: ø 40 × 110 mm
Weight:	Receiver and transmitter: ± 620 g | Sensor: ± 570 g
Battery:	Receiver: 3.6 V / 2350 mAh / 8 Wh lithium-ion accu | Transmitter: 3.7 V / 1300 mAh / 4.6 Wh lithium-ion accu
Operating time:	Receiver: ± 12 h | Transmitter: ± 10 h
Communication:	Transmitter to receiver: UHF-FM 433 MHz ISM band | Receiver to PC: USB 2.0 or Bluetooth 3.0
Data visualisation:	PC software

Number	Description	Item no.	Price/unit CHF
	LOG3000 BT device set	**20502**	**12'669.00**
	Contents:		
1	LOG3000 BT receiver complete	20551	
1	LOG3000 BT receiver holder set	20554	
1	LOG3000 BT transmitter RED complete	20531	
1	LOG3000 BT transmitter BLUE complete	20541	
1	LOG3000 BT charger (mains); EU cable	20579	
2	VIBROPHON (cable 1.8 m)	20220	
1	VIBROPHON tripod	20245	
1	Road flare RED	20583	
1	Road flare BLUE	20584	
1	Road flare hex key	23675	
8	Battery alkaline type AA 1.5V	20144	
1	Rod antenna 433 MHz / BNCm	23182	
1	USB connection cable type A-micro A, 1.0 m	20582	
1	LOG3000 BT software	20516	
1	LOG3000 BT device case	20571	

Individual parts and accessories

LOG3000 BT receiver complete

Item no.: 20551 3'112.00 CHF

LOG3000 BT receiver holder set

Item no.: 20554 258.00 CHF

LOG3000 BT transmitter RED complete

Item no.: 20531 2'439.00 CHF

LOG3000 BT transmitter BLUE complete

Item no.: 20541 2'439.00 CHF

LOG3000 BT charger (mains) EU cable

Item no.: 20579 255.00 CHF

VIBROPHON (cable 1.8 m)

Item no.: 20220 314.00 CHF

VIBROPHON tripod

Item no.: 20245 58.00 CHF

Road flare RED complete

Item no.: 20576 135.00 CHF

Road flare BLUE complete

Item no.: 20577 135.00 CHF

Battery alkaline type AA 1.5V

Item no.: 20144 4.00 CHF

Rod antenna 433 MHz BNCm

Item no.: 23182 103.00 CHF

USB connection cable type A-micro A, 1.0 m

Item no.: 20582 20.00 CHF

LOG3000 BT software

Item no.: 20516 3'419.00 CHF

LOG3000 BT device case

Item no.: 20571 465.00 CHF

Measuring wheel

Item no.: 20585 205.00 CHF

CORRELATORS

LOG3000 BT

Water leak detection (pinpoint detection) | Mobile Bluetooth correlator

Individual parts and accessories

Extension cable for VIBROPHON, 3 m

Item no.: 20222 77.00 CHF

Extension cable for VIBROPHON, 5 m

Item no.: 20223 120.00 CHF

Extension cable for VIBROPHON, 10 m

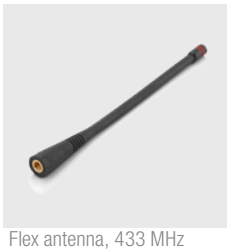
Item no.: 20224 128.00 CHF

Vehicle external antenna with magnetic base, cable 5 m

Item no.: 20780 221.00 CHF

Tilt-Antenna 433 MHz λ/4 BNCm

Item no.: 20552 40.00 CHF



Flex antenna, 433 MHz λ/4 RP SMAm

Item no.: 20553 38.00 CHF

LOG3000 BT receiver silicon cover

Item no.: 23680 22.00 CHF

LOG3000 BT transmitter silicon cover RED

Item no.: 23685 30.00 CHF

LOG3000 BT transmitter silicon cover BLUE

Item no.: 23686 30.00 CHF

LOG3000 BT charger (mains)

Item no.: 20578 251.00 CHF

Mains power cable type EU-IEC60320-C7 1.8 m

Item no.: 20566 17.00 CHF

Mains power cable type USA-IEC60320-C7 1.8 m

Item no.: 20567 17.00 CHF

Mains power cable type GBR-IEC60320-C7 1.8 m

Item no.: 20568 17.00 CHF

Mains power cable type AUS-IEC60320-C7 1.8 m

Item no.: 20569 17.00 CHF

PIPE DETECTORS

vLoc3-Pro — Pipe detection

Housing:	ABS IP65
Dimensions:	Receiver: 321 × 124 × 676 mm | Transmitter: 332 × 182 × 185 mm
Weight:	Receiver: ± 2.1 kg | Transmitter: ± 3.9 kg
Battery:	Receiver: 6 × type AA 1.5 V alkaline-manganese or lithium-ion batteries | Transmitter: 12 × D-cell alkaline-manganese or lithium-ion accu
Battery life:	Receiver: Batteries ±12 h / with lithium-ion accu ± 27 h | Transmitter: Batteries ± 6 to 25 h / lithium-ion accu ± 10 to 50 h
Frequency:	16... 200 kHz
Measurement display:	4.3“ LCD-Display

Number	Description	Item no.	Price/unit CHF
	VM vLoc3-Pro pipe detector	21436	13'012.00

Individual parts and accessories

Accu set for vLoc3-Pro
incl. charger

Item no.: 21456 962.00 CHF

Transmitter clamp pliers
Diameter 50 mm

Item no.: 21470 1'016.00 CHF

Transmitter clamp pliers
Diameter 100 mm

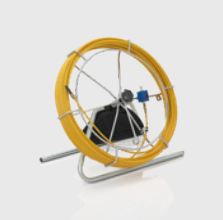
Item no.: 21471 1'177.00 CHF

Transmitter clamp pliers
Diameter 125 mm

Item no.: 21473 1'241.00 CHF

Mini probe, 83 kHz / ø 22 mm,
measuring depth 5 m

Item no.: 21446 1'021.00 CHF



Fibreglass pull probe with end-point detection, reel ø 650 mm with 60 m tape length

Item no.: 21480 2'791.00 CHF

PIPE DETECTORS

VM810-Classic — Pipe detection

Housing:	ABS IP54
Dimensions:	Receiver: 321 mm × 124 mm × 676 mm | Transmitter: 370 × 115 × 85 mm
Weight:	Receiver: ± 1.4 kg | Transmitter: ± 1.34 kg
Battery:	Receiver: 2 × D cell alkaline-manganese | Transmitter: 6 × D-cell alkaline-manganese
Battery life:	± 60 h
Frequency:	83.1 kHz
Measurement display:	LCD-Display

Number	Description	Item no.	Price/unit CHF
	VM810-Classic pipe detector (with one active frequency, incl. device case, conductive clamp kit)	21445	9'493.00

Individual parts and accessories

Transmitter clamp
Diameter 50 mm

Item no.: 21470 1'016.00CHF

Transmitter clamp
Diameter 100 mm

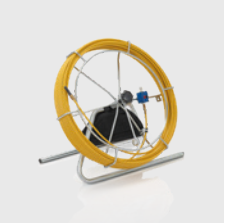
Item no.: 21471 1'177.00 CHF

Transmitter clamp
Diameter 125 mm

Item no.: 21473 1'241.00 CHF

Mini probe, 83 kHz / ⌀ 22 mm,
measuring depth 5 m

Item no.: 21446 1'021.00 CHF



Fibreglass pull probe with end-point detection, reel ⌀ 650 mm with 60 m tape length

Item no.: 21480 2'791.00 CHF

VALVE DETECTORS

ML-1M

Metal detection

Housing:	ABS
Dimensions:	Length: 984 mm
Weight:	± 0.9 kg
Battery:	2 × 9 V 6LR61 | Operating life: ± 30 h
Detection distance:	Between 0 and 1500 mm
Sensitivity:	Adjustable
Measurement display:	LCD display and sounds

Number	Description	Item no.	Price/unit CHF
	ML-1M Metal detectors incl. protective bag	21410	1'156.00

P500

Metal detection

Housing:	ABS
Dimensions:	Length: 960 mm | Diameter of head: 210 mm
Weight:	± 1.1 kg
Battery:	4 × type AA 1.5 V alkaline-manganese or 2 × type AA 1.2 V NiMH accu
Detection distance:	Between 0 and 950 mm
Measurement display:	Sounds and visual display with red LED

Number	Description	Item no.	Price/unit CHF
	P500 access cover detector	21400	889.00

Individual parts and accessories

Protective bag for P500

Item no.: 21407 178.00 CHF

GAS DETECTORS

GASENA 5 CH4

Gas leak detection | Tracer gas injection | ATEX-certified (Ex II 3G EEx nAC IIC T1)

Housing:	Aluminium / ex-housing IP65
Dimensions:	160 × 75 × 75 mm
Weight:	± 1.14 kg
Battery:	7.2 V / 3800 mAh 6-cell NiMH accu | Operating time: ± 8 h depending on measurement mode
Detected gases:	CH4 / CO / H2 / H2S
Measurement ranges:	0 – 3000 ppm / 0 – 100 % LEL (lower explosion limit) / 0 – 100 Vol. % | Display: LCD display
Alert threshold:	Adjustable 50 ppm / 100 ppm / 500 ppm / 50 % LEL | Alert signal: Sounds and visual display with red LED

Number	Description	Item no.	Price/unit CHF
	GASENA 5 ATEX (CH4) device set	**21200**	**7'017.00**
	Contents:		
1	GASENA 5 ATEX (CH4) gas detector	21201	
1	GASENA 5 charger 230 VAC	21210	
1	Space probe, small / telescope	21212	
1	Carrying strap	21214	
1	Connecting nipple / tube ⌀ 4 mm	21218	
1	GASENA 5 device case, yellow	21225	

Individual parts and accessories

GASENA 5 ATEX (CH4) gas detector

Item no.: 21201 5'179.00 CHF

GASENA 5 charger 230 VAC

Item no.: 21210 221.00 CHF

Space probe, small telescope

Item no.: 21212 290.00 CHF

Carrying strap

Item no.: 21214 25.00 CHF

Connecting nipple tube ⌀ 4 mm

Item no.: 21218 30.00 CHF

GASENA 5 device case, yellow

Item no.: 21225 624.00 CHF

Bell probe, yellow

Item no.: 21266 383.00 CHF

Cavity probe with water separator, yellow

Item no.: 21262 734.00 CHF

Carpet probe, 1-wheel

Item no.: 21261 2'078.00 CHF

Filter B2 for all probes nipple 4 mm

Item no.: 21220 17.00 CHF

GAS DETECTORS

GASENA 5 H2

Gas leak detection | Tracer gas injection

Housing:	Aluminium/ex-housing IP65
Dimensions:	160 × 75 × 75 mm
Weight:	± 1.14 kg
Battery:	7.2 V / 3800 mAh 6-cell NiMH accu | Operating time: ± 8 h depending on measurement mode
Detected gases:	H2
Measurement ranges:	0–3000 ppm | Display: LCD display
Alert threshold:	Adjustable 50 ppm / 100 ppm / 500 ppm | Alert signal: Sounds and visual display with red LED

Number	Description	Item no.	Price/unitCHF CHF
	GASENA 5 (H2) device set	**21202**	**6'934.00**
	Contents:		
1	GASENA 5 (H2) gas detector	21203	
1	GASENA 5 charger 230 VAC	21210	
1	Space probe, small / telescope	21212	
1	Carrying strap	21214	
1	Connecting nipple / tube ⌀4 mm	21218	
1	GASENA 5 device case, blue	21226	

Individual parts and accessories

GASENA 5 (H2)
gas detector
Item no.: 21203 5'682.00CHF

GASENA 5 charger 230 VAC
Item no.: 21210 221.00 CHF

Space probe, small
telescope
Item no.: 21212 290.00 CHF

Carrying strap
Item no.: 21214 25.00 CHF

Connecting nipple
tube ⌀4 mm
Item no.: 21218 30.00 CHF

GASENA 5 device case, blue
Item no.: 21226 674.00 CHF

Bell probe, blue
Item no.: 21267 383.00 CHF

Cavity probe with
water separator, yellow
Item no.: 21262 734.00 CHF

Carpet probe, 1-wheel
Item no.: 21261 2'078.00 CHF

Filter B2 for all probes
nipple 4 mm
Item no.: 21220 17.00 CHF

INFRAPORT ABONNEMENTS

Annual abonnements

INFRAPORT BASIC
annual fee

Art. Nr.: 93774 300.00 CHF

INFRAPORT
BASIC/PROFESSIONAL
annual fee per Object

Art. Nr.: 93776 1.00 CHF

INFRAPORT PROFESSIONAL
with object

Art. Nr.: 93775 500.00 CHF

INFRAPORT PROFESSIONAL
annual fee per Smart Object

Art. Nr.: 93777 1.00 CHF

VON ROLL HYDRO

DUKTUS KEULA ALTECNO

ZERO WATERLOSS
vonroll-hydro.world

2023 / 27658 / EN