

## Technical data

HL 7000 system	
Analysis bandwidth	0 ... 4000 Hz
Operation time	> 10 h
Operation temperature	-20°C ... +60°C
Storage temperature	-25°C ... +70°C
Communication	
HLE 7000 – CS-7 w.PAM W-7,T-7,H-7	Bluetooth®
HLE 7000 – Headphones	Bluetooth®
HLE 7000 – PC	USB cable
HLE 7000 – PAM Corr-2 Microphone	Microphone cable






HLE 7000 operating unit	
Display	4,3" color, touch display
Data entry	touch display, on/off button, favorite button, 3 navigation buttons, Mute button
LEDs	on/off and charge control
Memory	100 measurements, including audio data (.wav)
Power supply	Internal rechargeable Lithium-Ion battery (3,6 V / 10000 mAh)
Operation time	> 10 h
Charging	5 V / 1500 mA
Charging time	Ca. 8 h
Dimensions	200 mm x 95 mm x 45 mm
Weight	0.6 kg
Protection class	IP 65
GPS	Receiver with internal antenna
RF interfaces	2 internal Bluetooth® modules



CS-7 carrying rod	
Display	On/Off, Mute mode and RF activated/deactivated, battery status (3 LEDs), light
Buttons	On/Off, mute button, light
Interfaces	Bluetooth®, universal sensor connection, charging socket
Power supply	Internal rechargeable Lithium-Ion Battery (3.6 V / 3350 mAh)
Charging	5 V / 450 mA
Charging time	Ca. 8 h
Dimensions	220 mm x 80 mm x 650 mm
Weight (without sensor)	0.7 kg
Protection class	IP 65
Ground microphone PAM W-7	
Sensor	Piezo microphone with preamplifier
Dimensions	Ø 230 mm x 175 mm
Weight	2.7 kg
Protection class	IP 67
Adaptor	Measuring tip, tripod adapter



<b>Feeler rod sensor PAM T-7</b>		
Sensor	Piezo-microphone with preamplifier	
Dimensions	Ø 54 mm x 143 mm	
Weight	0.8 kg	
Protection class	IP 67	
Adaptor	Feeler rod	
<b>Universal microphone PAM Corr-2</b>		
Sensor	Piezo-microphone with preamplifier	
Dimensions	Ø 49 mm x 103 mm	
Weight	0.4 kg	
Protection class	IP 68	
Adaptor	Magnet adaptor	
<b>Tracer gas sensor PAM H-7</b>		
Sensor	H2 sensor	
Dimensions	Ø 85 mm x 190 mm	
Weight	0.32 kg	
Protection class	IP 54	

## Scope of delivery

Product	Description	Order number
<b>HL 7000 basic set includes</b>		1011016
HLE 7000	HLE 7000, Hydrolux receiver	1009672
BT headphones	Bluetooth® headphones	90019021
CS-7	CS-7, carrying handle	1009674
PAM W-7	PAM W-7, wind protected ground microphone	1009673
Bracket	Bracket, HL 7000	90025467
Bracket	Mounting set bracket, HL 7000	2011128
Bracket	Mounting set belt clip, HL 7000	2011129
Charger	Mains supply SM-SNG FW8000USB 5V/2,2A	90025102
VK 130	Connection cable HL 7000	90022223
TP W-7	Tripod adaptor	2010837
HL-7000-K	HL 7000-K, case complete for HL 7000	2010797
HydroluxView	PC software Hydrolux-View HL-7000	1011008
Manual	User guide	-
<b>Optional accessories for HL 7000</b>		
PAM T-7	PAM T-7, feeler rod sensor	1010396
TS	Foot traverse, PAM T-3 / T-7	820018811
PAM H-7	PAM H-7, tracer gas sensor	1010671
PAM Corr	PAM CORR-2, active universal microphone	820019615