



Stand-alone Monitoring

For mobile and stationary use

Along with the level of oxygen saturation in the blood, the amount of carbon dioxide in the patient's exhaled air tells doctors and rescue workers about the patient's overall condition. Over the years the two devices Weinmann developed to monitor these vital data have proven themselves – anywhere and anytime. The pulse oximeter OXYCOUNT mini and the capnometer CAPNOCOUNT mini are small, lightweight and tough and, thanks to the reliable rechargeable battery packs, are always ready for use. Both OXYCOUNT mini and CAPNOCOUNT mini can be charged on the MULTIBASE 2, which also prints out the patient's currently measured values. For spot checks in doctors' practices and in rescue services Weinmann offers the pulse oximeter *smartOx*. Like OXYCOUNT mini and CAPNOCOUNT mini, it uses non-invasive technology that fits in every lab coat pocket and provides gentle, effective and reliable results.



Certified Quality
Management System
meeting EC directive 93/42/EEC,
Annex II (EN ISO 9001:2000/EN ISO 13485)





Technical Data OXYCOUNT mini:

■ Dimensions (WxHxD): 65 x 128 x 27 mm ■ Weight: 250 g

Operating time with rechargeable NiMH: about 30 hours
9 V batteries: about 24 hours

Operating temperature: 0 to +45 °C Humidity: 0 to 90%
Storage temperature: -20 to +70 °C (not condensed)

Measurement range: SpO₂ 0 to 99%
pulse rate: 30 to 250 bpm

Product class as per directive 93/42/EEC: Ila

Accuracy: ■ SpO₂ over 85%: ± 1.5%-points
■ SpO₂ 75% to 85%: ± 2%-points
■ SpO₂ 50% to 75%: ± 3%-points
■ Pulse rate: ± 1%

OXYCOUNT mini

Pulse oximeter

WM 90544

- O₂ therapy monitoring in emergency medicine and pneumology
- Monitoring and related documentation for endoscopic examination (gastroscopy, bronchoscopy)
- Transport monitoring
- Sensor disconnection alarm
- Adjustable high and low SpO₂ and pulse alarms
- Acoustic monitoring by means of SpO₂ dependent pulse tone
- Large selection of sensors for different measurement situations

Supply Schedule:

- OXYCOUNT mini pulse oximeter (WM 90502)
- Finger sensor for adults, approx. 125 cm cable (WM 90520)
- MULTIBASE 2 print and charging station (WM 99240)
- Power pack unit for MULTIBASE 2 (WM 99248)

OXYCOUNT mini

WM 90500

Identical to WM 90544, but with batterie and without MULTIBASE 2

Inspected in accordance: IEC 60601-1, prEN 865

Alarms: ■ SpO₂: high and low
■ Pulse rate: high and low
■ Disconnection

Displays: ■ SpO₂ ■ Storage
LCD with green ■ Pulse rate ■ Sensor error
backlighting and ■ Alarm limits ■ Signal (no signal available)
red alarm LED ■ Signal quality ■ Change battery/
■ Heartbeat symbol rechargeable battery

NSN¹⁾ for military use: 6515-12-338-2871

Memory: ■ SpO₂, pulse rate and signal quality
every 2 seconds
■ Capacity: 7 hours

Data output: RS 232 connection to MULTIBASE 2



smartOx

Pulse oximeter

WM 18000

Weinmann offers the pulse oximeter *smartOx* for routine spot checks in doctors' offices and in rescue services. It permits non-invasive measurement of arterial oxygen saturation – effectively, quickly and highly precise. A large selection of interchangeable sensors is available.

Supply Schedule:

- *smartOx* Pulse oximeter
- Finger clip sensor including cable (WM 18010)

smartOx

WM 18050²⁾

Identical to WM 18000, but with Soft-tip sensor medium (WM 18030 instead of WM 18010)

1) NSN: NATO Stock Number

2) Not available in each countries

CAPNOCOUNT mini

Capnometer

WM 97144

- Intubation control and transport monitoring
- Check of effectiveness of resuscitation measures
- Anesthesia monitoring
- First measurement for intubation control within 12 seconds
- Quantitative measurement
- Temperature stability
- Maximum deviation of ± 2 mmHg
- Helicopter mode for precise measurements during ascending and descending flight phases
- Recording of ambient air pressure
- Alarms can be set for CO₂ and respiratory rate
- Alarms for apnea, occlusion, battery charging and device error
- Adjustable alarm sounding and delay
- Safe side-stream technology for intubated and non-intubated patients of any age

Supply Schedule:

- CAPNOCOUNT mini, capnometer (WM 97102)
- MULTIBASE 2, print and charging station (WM 99240)
- Set of water filters, 5 pieces, \varnothing 25 mm (WM 97010)
- Set of connection hoses, 5 pieces, 1.5 m (WM 97020)
- Set tube adapters, 5 pieces, sterile, 22/15 mm (WM 97031)
- Power pack unit 12V/1A (WM 99248)
- Rechargeable battery pack (WM 99206)

Technical Data CAPNOCOUNT mini:

■ Dimensions (WxHxD): 65 x 128 x 35 mm	■ Weight: approx. 320 g
Operating time with:	
■ rechargeable NiMH:	about 3 hours
■ 9 V batteries:	about 30 mins.
Inspected in accordance:	IEC 601, prEN 864
Operating temperature:	+5 to +40 °C
– Humidity:	0 to 95% (not condensed)
Storage temperature:	-20 to +70 °C
– Humidity:	0 to 95% (not condensed)
Measurement range:	<ul style="list-style-type: none"> ■ etCO₂ ■ 3 to 75 mmHg or 0.4 to 9.9 % volume ■ respiratory rate: 2 to 60 bpm
Accuracy:	<ul style="list-style-type: none"> ■ 3 to 38 mmHg ± 2 mmHg ■ 39 to 75 mmHg $\pm 5\%$ of measured value ■ Respiratory rate: ± 1 breath per minute (bpm)



Elapsed time until specification is fulfilled:	about 2 minutes
Alarms:	<ul style="list-style-type: none"> ■ Apnea alarm: etCO₂ high and low ■ Respiratory rate: high and low
Displays:	<ul style="list-style-type: none"> – LCD with green backlighting – and red alarm LED ■ etCO₂ in mmHg or % Vol ■ Respiratory rate ■ Cont. CO₂ in chart ■ Apnea alarm ■ Alarm limits ■ Battery change ■ Text display
Memory:	<ul style="list-style-type: none"> ■ etCO₂, respiratory rate ■ Time every 2 seconds ■ Capacity: 8 hours
Data output:	RS 232 connection to MULTIBASE 2
Product class as per directive 93/42/EEC:	Ila
NSN ¹⁾ for military use:	6515-12-367-2821

Technical Data smartOx:

■ Dimensions: (32 x 136 x 24) mm	■ Weight: ca. 72 g with batteries
Product class as per directive 93/42/EEC:	Ilb
Measurement range:	<ul style="list-style-type: none"> ■ SpO₂: 45 to 100 % ■ Pulse frequency: 20 to 300 bmp
Accuracy:	<ul style="list-style-type: none"> ■ Saturation: ± 2 % (70 to 100 %) ■ Pulse frequency: ± 1 BPM to 100 bmp $\pm 1\%$ >100 bmp
Batteries:	2 x AAA ALKALINE
Capacity:	> 20 hrs
Operating temp:	0 ° to +45 °C
Storage temperature	-20 ° to +70 °C
Humidity:	0 to 90 % (non condensing)
Measurement process:	Split Pulse Wave with Fuzzy Logic Control

Display:	LCD with white backlighting and red, orange and green LED's. Indications of %SpO ₂ , Pulse rate, Signal quality, bar graph, battery status und sensor status
Pulse tone:	Tone pitch variable (depending upon the measured O ₂ saturation)
Signal:	Acoustic and visual signals (pulse frequency, sensor status, system errors and battery condition), Signal: on/off function with automatic re-activating after 3 min.
Classification IEC 60601-1:	<ul style="list-style-type: none"> ■ Protection system against electric shock: Protection class II ■ Degree of protection against electric shock: Type BF ■ Inspected in acc.: IEC 601

1 MULTIBASE 2 – Print and Charging Station

WM 99240

Functions

- Amplification of signals and alarms
- Battery charging
- Quick charge of reserve battery pack in two hours with charge status indicator
- RS 232 interface
- Time-dependent printout of histogram, tables and graphics of measurement course
(please order power pack unit or cable for 12-volt motor vehicle power supply separately)

NiMH rechargeable battery pack (not shown)

WM 99206

can be charged only in MULTIBASE 2 (WM 99240), 3-hour operating life in CAPNOCOUNT mini, 30-hour operating life in OXYCOUNT mini

2 Battery compartment with battery

WM 99207

30-minute operating life in CAPNOCOUNT mini, 24-hour operating life in OXYCOUNT mini

3 Finger sensor

WM 90520

for adults with approx. 125cm cable

Standby bag (not shown)

WM 97130

for CAPNOCOUNT mini and OXYCOUNT mini, complete with reflector strips in red and blue and belt loop

4 Set of water filters

WM 97010

5 pieces, Ø 25-mm

Set of water filters (not shown)

WM 97011

5 pieces, Ø 13-mm

5 Set of connection hoses

WM 97020

5 pieces, 1.5 m

6 Set of tube adapters

WM 97031

5 pieces, sterile, 22 / 15 mm

7 Power supply unit for MULTIBASE and MULTIBASE 2

WM 99248

Charger connection cable (not shown)

WM 99250

for MULTIBASE and MULTIBASE 2 to 12-volt motor vehicle power supply, 1.8-meters

8 Finger clip sensor for smartOx

WM 18010

Sales Unit: 1 piece, cable: approx. 120 cm, weight: > 20 kg – reusable

9 Disposable sensor for smartOx

WM 18025

Sales Unit: 24 pieces, cable: approx. 45 cm, weight: > 30 kg – disposable

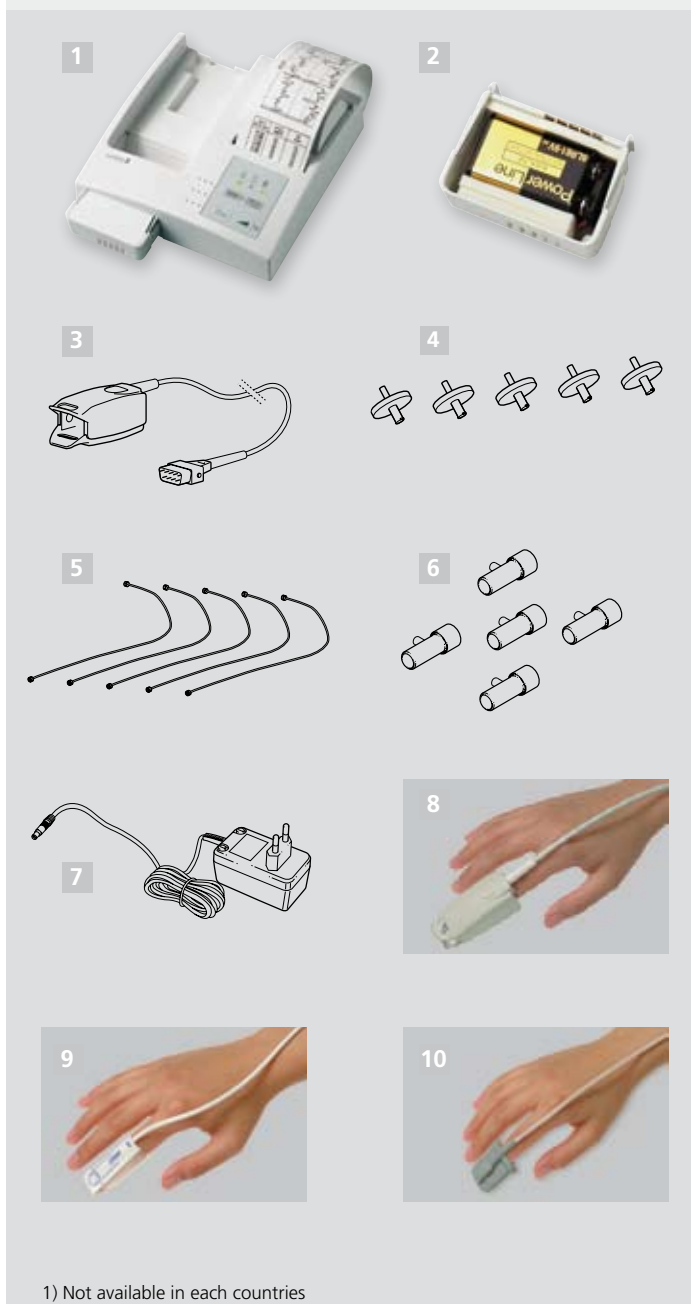
10 Soft-tip sensor for smartOx

WM 18030 (Size M)

Package unit: 1 piece, Weight class: > 20 kg – reusable
Cable length: approx. 120 cm

WM 18035 (Size L)

WM 18035 (Size S)



1) Not available in each countries

■ **Germany** ■ Weinmann Geräte für Medizin GmbH+Co.KG · P.O.Box 540268 · D-22502 Hamburg · Kronsaalsweg 40 · D-22525 Hamburg · E: info@weinmann.de · www.weinmann.de · T: +49-(0)40-5 47 02-0 F: +49-(0)40-5 47 02-461 ■ **Center for Production, Logistics, Service** · Weinmann Geräte für Medizin GmbH+Co.KG · Siebenstücken 14 · D-24558 Henstedt-Ulzburg · T: +49-(0)4193-88 91-0 F: +49-(0)4193-88 91-450 ■ **Switzerland** ■ G. Weinmann AG – Neuenhof · T: +41-(0)56-416 41 11 · E: info@ch.weinmann.de · www.weinmann.de ■ **France** ■ Weinmann S.A.R.L. – Paris-Igny T: +33-(0)1 69 35 53 20 · E: info@fr.weinmann.de · www.weinmann.de ■ **Asia-Pacific** ■ Weinmann Medical Technology Asia Co., Ltd. – Bangkok · T: +66-(0)2-7 45 71 70 · E: info@th.weinmann.de www.weinmann.de ■ **Australia** ■ Weinmann (Australia) Pty. Ltd. – Melbourne · T: +61-(0)3-95 43 91 97 · E: info@au.weinmann.de · www.weinmann.de ■ **New Zealand** ■ Weinmann (New Zealand) Ltd. New Plymouth T: +64-(0)6-7 59 22 10 · E: info@nz.weinmann.de · www.weinmann.de ■ **China** ■ Weinmann GmbH+Co.KG (Shanghai Rep. Office) · T: +86 21 32 26 26 98 · E: info@cn.weinmann.de www.weinmann.de