INFORMATION FOR VETERINARY PRACTICES AND CLINICS

MQ50
Oxygen Concentrator

Veterinary Equipment

Continuous oxygen flow in a compact unit

The MQ50 concentrates oxygen from ambient air and supplies an adjustable continuous flow. Four castors and a carrying handle make it easy to reposition between uses.

1-5 l/min

Adjustable continuous flow

Set the flow with the integrated flowmeter.

15.5 kg

Easy to reposition

Four castors and a carrying handle.

<40 dB(A)

Quiet operation

Sound pressure level stated in the user manual.

24 h

Designed for continuous use

Observe the operating conditions in the user manual.

Ask us about the MQ50

Contact Rothacher-Medical GmbH for a quotation or questions about the device and accessories.

Veterinary application and compatibility with connected equipment must be confirmed before use.

Rothacher Medical GmbH

Technical data and equipment

MQ50 at a glance

Specification	MQ50
Oxygen flow	1-5 l/min, continuous and adjustable
Oxygen concentration	>90% at 1-2 l/min >87% at 3-5 l/min
Outlet pressure	0.05 ± 0.005 MPa Equivalent to 0.50 ± 0.05 bar
Rated apparent power	320 VA
Mains supply	220/230 V AC, 50 Hz
Sound pressure level	<40 dB(A)
Operating temperature	10-37 °C
Net weight	15.5 kg
Dimensions	39 × 23 × 60 cm
Operation	Continuous operation

Manufacturer: Sysmed (China) Co., Ltd. Data from the MQ50 user manual V1.1 under the specified operating conditions. Sound pressure measurement uncertainty: 2 dB(A).

Operation and maintenance

The display shows operating status and running hours. Visual and/or audible alarms indicate low oxygen concentration, low flow, abnormal pressure, overheating, sensor faults and power failure. Accessible filter compartments support routine cleaning and filter replacement.

Standard package

1 × MQ50 oxygen concentrator

1 × Humidifier

2 × Nasal cannulas

1 × Coarse dust filter

1 × User manual

1 × PVC hose for the humidifier

1 × Firebreak valve

Animal-specific delivery interfaces and connection accessories must be selected separately for the intended application.

Use in veterinary settings

Before use, confirm the intended veterinary application with the manufacturer and check the required flow, oxygen concentration, outlet pressure and compatibility of all connected equipment. The MQ50 is not intended for life support and does not provide patient monitoring. Follow the manufacturer’s instructions.

Oxygen supports combustion. Keep away from smoking, naked flames, oil and grease. Service work must be carried out by authorised personnel.

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