

PPM 0001 LCD Digital Peak Flow Meter

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 Before using the instrument, please read the operating instructions carefully!

1 FEATURES

1. Sensor : measure the peak flow rate.
[The sensor can be separated from the machine and hand washed if it is dirty. Drain and air-dry the sensor before putting it back. If your sensor is contaminated, replace with a new one.]
2. The main part : displays and saves the flow rates [DO NOT WASH IT.]
3. Control buttons : There are four buttons stated as the following :
 - ①  [Measure / Function]
 - ②  [Forward to the left]
 - ③  [Backward to the right]
4. Battery compartment : Powered by AAA [UM-4 / LR03] 1.5V battery.

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2 CAUTION

1. Do not expose the main part of the unit to rain or moisture, if so, remove batteries immediately then dry batteries and the main part with tissue or dry cloth. Allow it dry well at least 48 hours. If the problem persists, please consult with your nearest dealer or service shop.
2. Water exposed machines are not warranted.
3. Do not open the cabinets or sensors.
4. Those people and children, who are not capable of expressing themselves, should not allow to use the unit by their own.
5. [AAA(UM-4)1.5V batteries required] before replacing batteries, please make sure the Peak Flow Meter is in power saving mode.
[showing date, time, and the last measuring rate].
6. Battery life : About 6 months of normal operation. (three times a day) Battery life will be different according to the type of battery, data transferring or so.
7. Disconnect Device : Disconnect device please remove the battery
8. Cleaning Information, frequency : When cleaning, use a dry cloth to gently wipe the small amount of water, do not use alcohol.

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3 INTRODUCTION

1. To measure the flow value :
[To get best value, we recommend you to measure your peak flow at least 3 times continuously.]
- 1.1 Attach the plastic mouthpiece on the input side of the Peak Flow Meter.
- 1.2 Press  The flow rate "000 L/min" will appear in the display and blink.
- 1.3 After taking a deep breath, place your mouth firmly around the mouthpiece, then blow out as hard and fast as possible.
- 1.4 The unit will beep after 2 seconds, and the flow rate will appear. Ex. 5 3 6 L/min means your flow rate is 5 3 6 liter per minute.
- 1.5 Press  or  to reset.
- 1.6 Repeat steps 1.2, 1.3, 1.4 to measure the second and the third flow.
 - Digital Peak Flow Meter will choose and only show the max rate.
- 1.7 Peak Flow Meter will not record the rate if you blow over 4 seconds. It will beep three times to remind you.

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4 STANDARD CONTENTS

STANDARD ACCESSORIES

1. Peak Flow Meter [1 battery lid included] x1
2. Sensor x1
3. Reusable mouthpieces x2
4. 1.5V sum 3 AAA batteries [UM-4] x3
5. User Manual x1
6. Color box x1

 Follow the national requirement to dispose unit.

 Operating instructions

 Attention: consult Accompanying documents

 Type B: Applied part

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5 TROUBLESHOOTING

Symptom	Cause	Remedy
The screen is getting dark.	The batteries are running down	Replace new batteries
No display	No batteries	Insert batteries
	Polarities are not correct	Insert batteries correctly so that the polarities match the polarity diagrams inside the battery compartment
	The batteries ran down	Replace new batteries
Can't measure peak flow rates	M / F hasn't been pressed	Press the M / F button, the L / min number will blink
	The batteries are running down	Replace new batteries
	The sensor isn't set properly	Remove and put it back again
	The hole in the sensor is blocked	Clean it with a pin
	The trough beside the unit is blocked	Clean it with a pin
The rate is inaccurate	The sensor is dirty	Wash the sensor. Drain and air dry the sensor before putting it back. [DO NOT WASH THE UNIT]
		Replace a new sensor

If, after using this guide, the unit does not operate properly, the unit should be serviced. Please call your dealer for instruction.

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6 SPECIFICATION

- Product Name : Peak Flow Meter
- Battery : 3 AAA [UM-4] 1.5V batteries or DC 4.5V 30mA
- Power Saving Mode : Jump to power saving mode automatically when left unused for more than 30 seconds [show the last rate]
- Memory Quantity : up to 3000 data
- Measure Range : 50~850 L/min
- Accuracy : $\pm 10\%$ (above 200L/min); $\pm 10\%$ L/min(under 200L/min)
- Dimensions : Unit : 121mm X 59mm X 30mm(L X W X H)
Sensor : 42mm X 50mm X 30mm(L X W X H)
- Weight : Unit : 75 g (Batteries not included)
Sensor : 20 g
- Operating temperature : 0°C~ 40°C
- Storage Temperature : -10°C~50°C

Product Warranty

Thank you for choosing our product. Every digital Peak Flow Meter is covered by one year warranty. If it is found defective under normal use, the unit will be placed without charge. Purchaser would pay for repairs even during the warranty period in the cases as follows :

1. Without Warranties, the proof of purchase date, or dealers' seals.
2. Breakdown caused by self opening, assemble the unit.
3. Damages by Nature disaster, water exposure - strong cleaning solution or other irresistible reasons.
 - Batteries are not warranted.
- The parts of digital Peak Flow Meter have limited warranty period, if it is over, we would replace with available parts. We beg your pardon if it doesn't work.
- The warranty is extended only in Taiwan.

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7 WARRANTY

SERVICE CARD

MODEL :	TEL :
SERIAL NO.:	ADDRESS :
DATE PURCHASED:	PURCHASED FROM :
OWNER'S NAME :	

 Manufactured by:
Home Care Technology Co., Ltd.
No.116, Ln.523, Sec.3, Jhongjheng Rd., Rende Dist., Tainan City 71751,
Taiwan, R.O.C.

 Authorized Representative
Y.Sung Handelsvertretung
Dusseldorfer Str.24 40211
Dusseldorf, Germany



Distributed by:

FCC Notices

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

CAUTION: Change or modification not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

—Reorient or relocate the receiving antenna.
—Increase the separation between the equipment and receiver. —Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
—Consult the dealer or an experienced radio/TV technician for help.

CAUTION: Any changes or modifications not expressly approved by the grantee of this device could void the user's authority to operate the equipment.

RF exposure warning
This equipment must be installed and operated in accordance with provided instructions and the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter. End-users and installers must be provide with antenna installation instructions and transmitter operating conditions for satisfying RF exposure compliance."

Vendor : Home Care Technology Co., Ltd./Kowermed Co., Ltd.
Address : 116, Lane523, Sec.3 Jung Jeng Rd., Jen Ter Hsiang, Tainan Hsien,
Taiwan.R.O.C

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