



# GIMA

PROFESSIONAL MEDICAL PRODUCTS

**MISURATORE DI PICCO DI FLUSSO**  
**PEAK FLOW METER**  
**SPIROMÈTRE DE CRÊTE**  
**MEDIDOR DE FLUJO ESPIRATORIO MÁXIMO**  
**MEDIDOR DE PICO DE FLUXO**  
**PEAK-FLOW-METER**  
**TOPPFLÖDESMÄTARE**  
**POOMETPO**



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Made in China

**GIMA 33679 - 33680**

**REF** DL-F03, DL-F04



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Please read all the information in this manual before using the Peak Flow Meter.



#### **Precaution:**

1. The Peak Flow Meter is recommended for single patient use.
2. The Peak Flow Meter should be used under the supervision of a licensed healthcare professional.
3. If the PEF is used for longer than its specified life, the accuracy of the device may deteriorate.

**Note:** Patients symptoms take precedence over Peak Flow Meter readings.

### **Setting Action Zones**

Zone markers may be set with a stylus by the healthcare professional to give personal boundaries for implementing the asthma action plan.

### **To Use Peak Flow Meter**

1. Slide pointer to the bottom of the scale.
2. Hold device horizontally in front of your mouth.
3. Inhale as deeply as possible.
4. Seal your lips firmly around the mouthpiece.
5. Blow out as HARD and as FAST as possible for a second or longer.
6. Take care that tongue or teeth do not obstruct the airflow. A "spitting" action or coughing will give false readings.
7. Take note of the reading.
8. Repeat steps 1 to 7 three times and record the highest reading.
9. Take action according to your personal asthma management plan.

### **Cleaning**

Clean the outer surfaces after use. We recommend using an ordinary alcohol wipe (IPA 70%). Pay special attention to the mouthpiece area.

### **Indications for Use**

Device measures peak expiratory flow (PEF) for use on adults and paediatrics, 5 years and older, in primary care, clinics, hospitals and at home, under the supervision of a healthcare professional. PEF can be used to monitor progress in treatment of asthma, determine the severity of the asthma, check response to treatment during an acute asthma episode, detect worsening lung function and avoid a possible severe asthma flare-up.

### **Use in Clinic**

When used for multiple subjects always use a disposable mouthpiece. The Peak flow meter should be externally disinfected using an IPA wipe (70%) between each patient, and should be disposed of after 30 patients or 2 weeks, whichever is the earlier.

### **Contraindications, Warnings, Cautions and Adverse Reactions**

- This device is intended to help you assess how well your asthma is under control, by measuring your peak flow which can then be monitored over time.
- Never attempt to dismantle the unit. This can cause faulty Peak Expiratory Flow scores.
- If you think that the device is not reading correctly, advise your healthcare professional immediately
- Any serious incident that has occurred in relation to the device should be reported to Taian Dalu or its Authorized Representative and the Regulatory Authorities of the country.

### **Store**

Avoid crushing the unit. Store in a clean dry place.

### **Disposal**

The peak flow meter and its accessories constitute minimally soiled waste from human healthcare and should be disposed of in line with local requirements.

### **Shelf Life**

3 years

### **Technical Specifications**

**Product:** Peak Flow Meter

**Model Number:** DL-F03, DL-F04

**Material:** ABS plastic

**Accuracy:**  $\pm 10\text{L}/\text{min}$  or  $\pm 10\%$  of the reading, whichever is greater

**Repeatability:**  $\pm 10\text{L}/\text{min}$  or  $\pm 5\%$  of the reading, whichever is greater.

**Frequency response:** Profile A/B difference less than  $\pm 15\text{L}/\text{min}$  or  $\pm 12\%$ , whichever is greater

**Highest resistance to flow:** 205Pa/l/s @ 100 L/min

**Measurement Range:** DL-F03: 60~800L/min,

DL-F04: 50~400L/min

**Operating Temperature Range:** Limits: 17-37°C.

**Design Limits:** 10-40°C

**Peak Flow Meter performance standards:** EN ISO 23747:2015

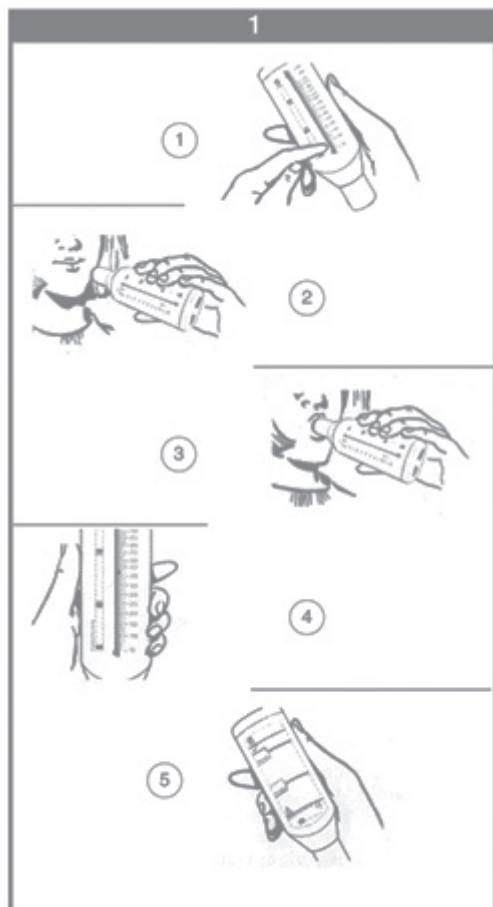
### Size/Weight

Model DL-F03: L155mm\*W48mm\*H28mm/ 55g











Model DL-F04: L155mm\*W48mm\*H28mm/ 55g

### Package Contents

Peak Flow Meter, Instructions for Use



## Symbols meaning

 REF	Product code		Keep away from sunlight		Consult instructions for use
 LOT	Lot number		Keep in a cool, dry place		Date of manufacture
	Manufacturer		Medical Device complies with Directive 93/42/EEC		Authorized representative in the European community
			Caution: read instructions (warnings) carefully		

## GIMA WARRANTY TERMS

The Gima 12-month standard B2B warranty applies.