

# DELBio Mesh Nebulizer



## Specifications

Atomization Type	Vibration Mesh
Max. Medicine Solution Volume	8 ml
Nebulization Rate	> 0.25 ml/min (Depending on Model)
MMAD	4.5 μm
Residual Liquid Volume	< 0.1 ml
Oscillation Frequency	108 kHz
Power Source	2x 1.5V AA Alkaline or Optional AC adaptor
Power Consumption	1.1 W
Battery Life	Approximately 2 hours with continuous operation
Weight	104g (without Battery)
Dimensions	LxWxH: Approx. 49.5x40x115 mm
Operation Condition	Temperature +5~40%, RH <80% , non-condensing
Storage & Transport Condition	Temperature -10~45%, RH: <80% , non-condensing
Function properly within a short time after being rotated to any angle	<10 sec
Shut off automatically while medication is run out	20 mins auto shut-off

## Features

- (Bisphenol A) BPA-free medication chamber
- High nebulization rate
- Low residual liquid volume
- Chamber can be disinfected with autoclave
- Safety protection against mesh falling off
- Patented chamber design for effortless cleaning



Smarter. Greener. Together.



## Contacts

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Caring for Your Life.

www.delbio.com.tw



# Company Profile / Introduction

## Who we are

DELBio was founded in December 2005 , and became a spin-off company in 2010.

Our specialty is to leverage the electronics design and development strength from Delta Group with our biochemistry competence. Our product portfolio includes: blood glucose monitor, hemoglobin monitor, pulse oximeter and nebulizer.



Certificate Reference:



## About Delta Group

Founded: 1971

Worldwide Revenues in 2014: US\$7.523 Billion.

### World No.1

- Switching Power Supplies since 2002
- DC Brushless Fans since 2006

### Leading in:

- Telecom Power Systems
- Industrial Automation
- Passive and Magnetic Components
- Networking Products
- Visual Displays
- Datacenter Infrastructure
- Renewable Energy Solutions



### Honors:

- DJSI (Dow Jones Sustainability Indexes) World Index for 4 consecutive years
- Only Great China Company named to CDP Climate Performance Leadership Index



	GDH-FAD	Auto Code	Auto Code	One Code
<b>Specs &amp; Features</b>	GDH-FAD/Auto code	Auto code/Ejection/Backlight/AST	Auto code/AST	GOD/ Auto code/ Backlight/AST
<b>LCD Size (mm)</b>	45.1 x 39	42 x 38	36 x 30	57x40.3
<b>Power Source</b>	AAA *2	CR2032 *2	CR2032 *1	AAA *2
<b>Backlight Function</b>	No	Yes	No	Yes
<b>Talking Function</b>	No	No	No	No
<b>Strip Ejection</b>	No	Yes	No	Yes
<b>Product Size (mm)</b>	91 x 58.1x 28.9	85 x 65 x 20	72 x 45 x 16	100 x 52 x 24
<b>Weight (including battery)</b>	95g with batteries	46g	35g	About 80g with batteries
<b>Date &amp; Time Display</b>	Yes	Yes	Yes	Yes
<b>Total Memory (number of testing)</b>	30	512	100	100
<b>Memory Averaging (days)</b>	7/14/28	7/14/30	N/A	7/14/30
<b>PC-Link Capability</b>	No	Yes	No	UART to USB
<b>Smart Phone-Link Capability</b>	No	No	No	No
<b>Number of Buttons</b>	3	4	3	3
<b>Testing Time (seconds)</b>	6	5	5	5
<b>Coding Method</b>	Auto code	Auto code	Auto code	Auto code
<b>Testing Blood Type</b>	Capillary/Venous Blood	Capillary whole blood	Capillary whole blood	Capillary Blood
<b>AST Function</b>	Yes (Fingertip/ Palm/ forearm)	Yes(fingertip, palm)	Yes(fingertip, palm)	Yes (Palm/ forearm)
<b>Strip Enzyme</b>	GDH-FAD	GOD	GOD	GOD
<b>Blood Sample Size</b>	0.6 uL	1uL	1uL	1uL
<b>HCT (%)</b>	10-70%	30-55	30-55	30-55%
<b>Testing Range</b>	20 ~ 600mg/dL	20 ~ 600mg/dL	20 ~ 600mg/dL	20 ~ 600mg/dL
<b>Operating Temperature</b>	10 ~ 40°C / 50 ~ 104°F, <90%RH	10 ~ 40°C / 50 ~ 104°F, <90%RH	10 ~ 40°C / 50 ~ 104°F, <90%RH	10 ~ 40°C / 50 ~ 104°F, <90%RH



	Fingertip Type	Handheld Style
<b>Analysis Software</b>	Optional	Optional
<b>Test Sample</b>	Fingertip, SpO2	Fingertip, SpO2
<b>Measurement Parameters</b>	SpO2 & pulse rate	SpO2 & pulse rate
<b>Range of Measurement</b>	35 - 100%	35 - 100%
<b>Accuracy of Measurement</b>	70 - 100% ± 2 digits 60 - 69% ± 3 digits <59% - not specified	70 - 100% ± 2 digits 60 - 69% ± 3 digits <59% - not specified
<b>Pulse Range of Measurement</b>	30 - 200 bpm	30 - 250 bpm
<b>Pulse Accuracy</b>	± 3 bpm	± 3 bpm
<b>Measurement Response Time</b>	6 ~ 8 seconds	6 ~ 8 seconds
<b>Display Type</b>	TN	OLED
<b>Display Color</b>	B/W	4 or more color dot display
<b>Screen Size - L x W</b>	22mm x 28mm	20mm x 23mm
<b>Font Size - L x W</b>	5mm x 4mm per 1 character	5mm x 4mm per 1 character
<b>Display Content</b>	SpO2 / Pulse rate / Pulse wave / Pulse level bar / Pulse detection mark / Batteries / BT connection	SpO2 / Pulse rate / Pulse wave / Pulse level bar / Pulse detection mark / Batteries
<b>Display Direction</b>	1 Direction	2 Directions
<b>Automatically Turn Off (sec)</b>	8 seconds (after finger removed)	8 seconds (after finger removed)
<b>Display Alarm</b>	SpO2 - <90% PR - @ >160 bpm / @ <50bpm	SpO2 - <90% PR - @ >160 bpm / @ <50bpm
<b>Audible Alarm</b>	NA	Adjustable
<b>Buzzer Sound</b>	Insertion of batteries /Insertion of finger	Insertion of batteries /Insertion of finger
<b>Device Size: L x W x H (mm)</b>	60.8 x 34 x 34 mm	55 x 32 x 32mm
<b>Weight (g)</b>	52g (with batteries)	58g (with batteries)
<b>Sensor</b>	Light to frequency converter	Light to frequency converter
<b>External Sensor</b>	N/A	N/A
<b>Data Storage</b>	Up to 48K E2PROM for store data	Up to 48K E2PROM for store data
<b>Communication Protocol</b>	BT 4.0	N/A
<b>Data Type</b>	N/A	N/A
<b>Power Source</b>	2 x AAA alkaline batteries	2 x AAA alkaline batteries
<b>Power Consumption</b>	30hrs continuous use /1600 times spot check	30hrs continuous use /1600 times spot check
<b>Power Switch</b>	Insert the fingers, or not	Insert the fingers, or not
<b>Operating Temperature</b>	10 ~ 40°C / 50 ~ 104°F	10 ~ 40°C / 50 ~ 104°F
<b>Operating Humidity</b>	15-85% RH, Non-condensing	15-85% RH, Non-condensing