

# DELFIN

## Delfin VapoMeter® (VX) Fast, Easy and Scientifically Trusted TEWL Measurement



Delfin VapoMeter® (VX)  
SKINLABSUSA.COM

# Delfin VapoMeter® (VX)

## Fast, Easy, and Scientifically Trusted TEWL Measurement – designed for professional use

VapoMeter®(VX) measures transepidermal water loss (TEWL) and evaporation rate in g/m<sup>2</sup>h. It can be used as a stand-alone device or connected wirelessly to Delfin's DMC software.

This compact, ergonomically designed instrument features a high-resolution informative display and is easy to handle in any orientation. A user-replaceable, factory-calibrated sensor and reusable adapters make it ideal for both in vivo and in vitro\* applications.

### PRODUCT BENEFITS

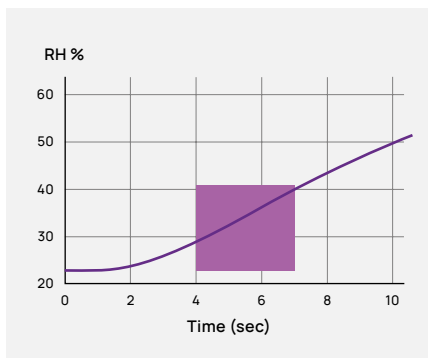
- Closed-chamber measurement principle
- Smart ergonomic design with high-resolution display
- Fast measurement process
- User-replaceable calibrated sensor (no shipping for calibration)
- Built-in skin temperature sensor
- Remote software updates
- Bluetooth & Wi-Fi Connectivity
- Intelligent guidance and error prevention
- Sensor check procedure
- ESG-friendly, reusable design

## Closed-chamber TEWL – trusted by science and customers

This new VapoMeter®(VX) continues Delfin's proven closed-chamber technology, trusted by researchers across cosmetic, medical, and academic fields. This method ensures accurate TEWL readings in normal room conditions, unaffected by ambient airflow. A new built-in skin temperature sensor adds depth to analysis. The core principle - measuring RH increase in a sealed chamber - is now enhanced with intelligent features that support consistent and user-friendly operation.



Delfin VapoMeter® (VX). Reliable TEWL, evaporation and permeability measurements.



Measurement principle. TEWL is calculated from the RH increase in the closed chamber.

### APPLICATION AREAS

- TEWL, skin barrier function and penetration studies; Effect of skin care, treatment, and nutrition; Skin irritation
- Wound healing; Sympathetic skin response, hyperhidrosis
- Water loss through nails, scalp, lips; Skin surface water loss
- Material permeability, in vitro\* studies; Animal health and zoology

\* in-vitro compatibility coming soon

# DELFIN

Delfin Technologies Ltd.

Head Quarters

P.O. Box 1199  
70211 Kuopio

FINLAND

Phone +358 50 911 1199

[info@delfintech.com](mailto:info@delfintech.com)

[delfintech.com](http://delfintech.com)

USA & CANADA DISTRIBUTOR

SKINLABS LLC  
755 NE 164<sup>TH</sup> Terrace  
Miami, FL 33162  
USA

Phone +1 (786) 288-0740  
[info@skinlabsusa.com](mailto:info@skinlabsusa.com)

[www.skinlabsusa.com](http://www.skinlabsusa.com)

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