

# Pocket III™

ALWAYS READY  
FOR PRECISION



**Quante  
medical**  
BY LUMIBIRD MEDICAL

**Handheld pachymeter**

# Pocket III™

The next-generation handheld pachymeter from Quantel Medical by Lumibird Medical, the world leader in ophthalmic ultrasound

## PRECISION & EXTENDED MEASUREMENT RANGE

POCKET III has a precise and extended measurement range due to 30 MHz probe.

From 150  $\mu\text{m}$  to 1200  $\mu\text{m}$ , POCKET III can measure the vast majority of corneal thickness in central or in mapping mode.



IOP measurements can be corrected using integrated tables of correlations between IOP and corneal thickness, including Ehlers, Doughty and Dresdner.

## ■ ERGONOMIC & USER FRIENDLY



With its ergonomic compact design POCKET III is the lightest handheld pachymeter on the market with just 60 grams/2.1 ounces weight.

Easy to handle and ambidextrous, the probe's design facilitates perpendicular positioning on the cornea.

Taking measurements is easier and more comfortable for the practitioner and the patient.

## ■ CONNECTED

You can simply transfer data via Bluetooth or with USB-C to Windows 10 compatible computer with POCKET III Manager software. You can save 10 patients (20 eyes maximum).

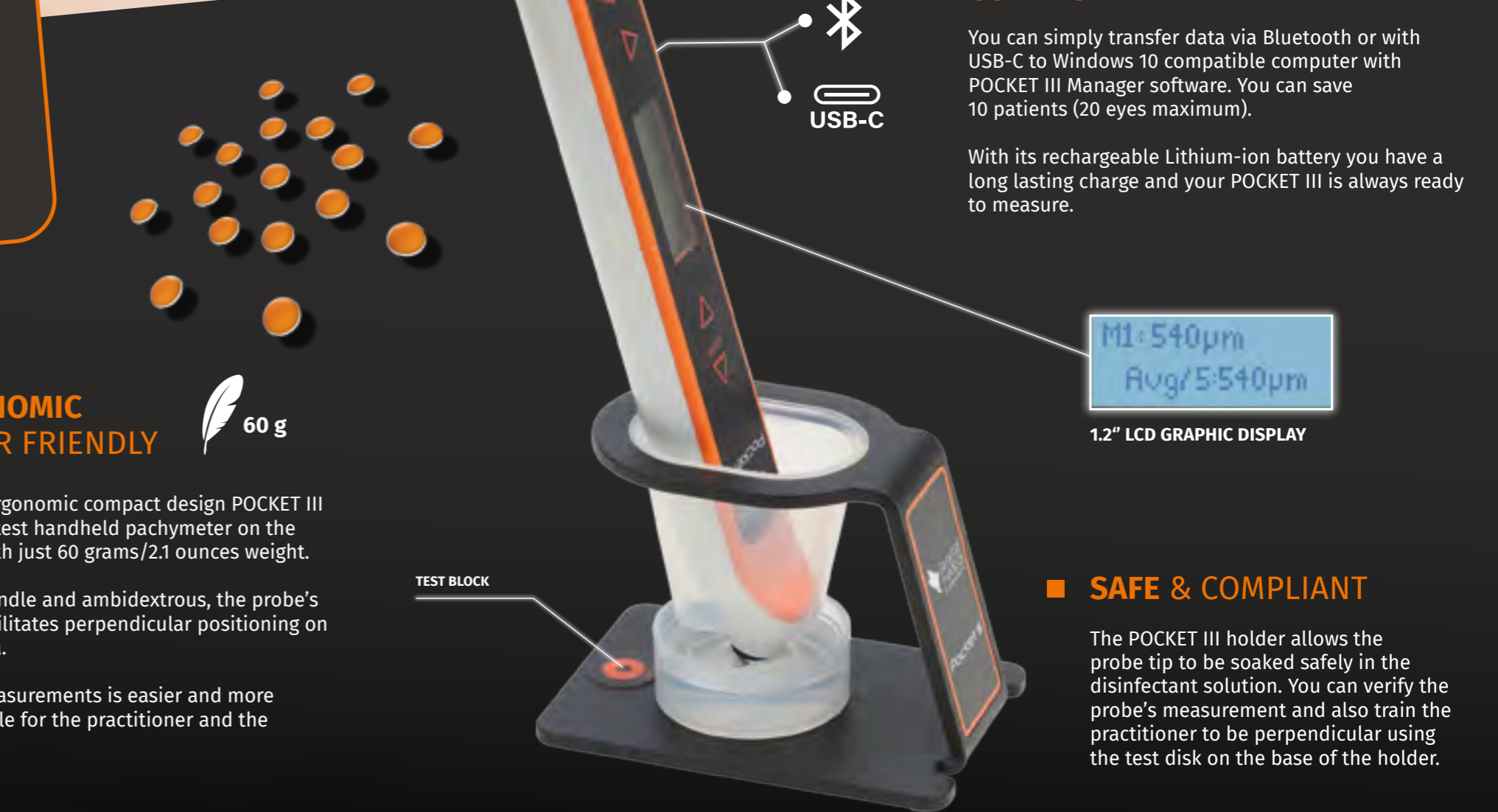
With its rechargeable Lithium-ion battery you have a long lasting charge and your POCKET III is always ready to measure.

M1: 540 $\mu\text{m}$   
Avg/5: 540 $\mu\text{m}$

1.2" LCD GRAPHIC DISPLAY

## ■ SAFE & COMPLIANT

The POCKET III holder allows the probe tip to be soaked safely in the disinfectant solution. You can verify the probe's measurement and also train the practitioner to be perpendicular using the test disk on the base of the holder.



# Pocket III™

## TECHNICAL SPECIFICATIONS

|                          |  |
|--------------------------|--|
| Type                     | Handheld ultrasonic pachymeter   |
| Measurement range        | From 150 to 1200 µm  |
| Accuracy                 | ± 5 µm   |
| Frequency                | 30 MHz (transducer output)   |
| Active tip diameter      | 1.2 mm (0.5")  |
| Method                   | Contact  |
| Convergence              | 0.5 mm (0.02") from probe tip  |
| Angle                    | 35 degrees   |
| IOP correlation tables   | Ehlers + Dougherty + Dresdner  |
| Display                  | 1,2" LCD graphic display   |
| Connection               | 1 USB-C port, Bluetooth  |
| Battery                  | Lithium Ion (Li-Ion) rechargeable battery<br>3.7 V/450 mAh   |
| Power supply             | 5 V (minimum 1 W)  |
| Operating temperature    | 10 - 35°C (50 - 95°F)  |
| Dimensions device        | 177.5 (L) x 26.9 (W) x 23.7 (H) mm<br>6.99" (L) x 1.02" (W) x 0.93" (H)  |
| Dimensions device holder | 88 (L) x 58 (W) x 65 (H) mm<br>3.47" (L) x 2.28" (W) x 2.56" (H)   |
| Weight device            | 60 g/2.12 oz   |
| Weight device holder     | 200 g/7.05 oz  |
| Accessories included     | POCKET III holder with disinfection cup for probe tip, USB-C cable   |
| Accessories in option    | External wall mount adapter (multi-blade), interchangeable blades kit for wall mount adapter (5 Vcc, 10 W, 47-63 Hz, 90-264 Vac) |



1:1 scale picture

Specifications are subject to change without notice. Non contractual pictures.  
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