

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 + Doughty + Dresdner
Display	1,2" LCD graphic display
Connection	1 USB-C port, Bluetooth
Battery	Lithium Ion (Li-Ion) rechargeable battery 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 6.99" (L) x 1.02" (W) x 0.93" (H)
Dimensions device holder	88 (L) x 58 (W) x 65 (H) mm 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)

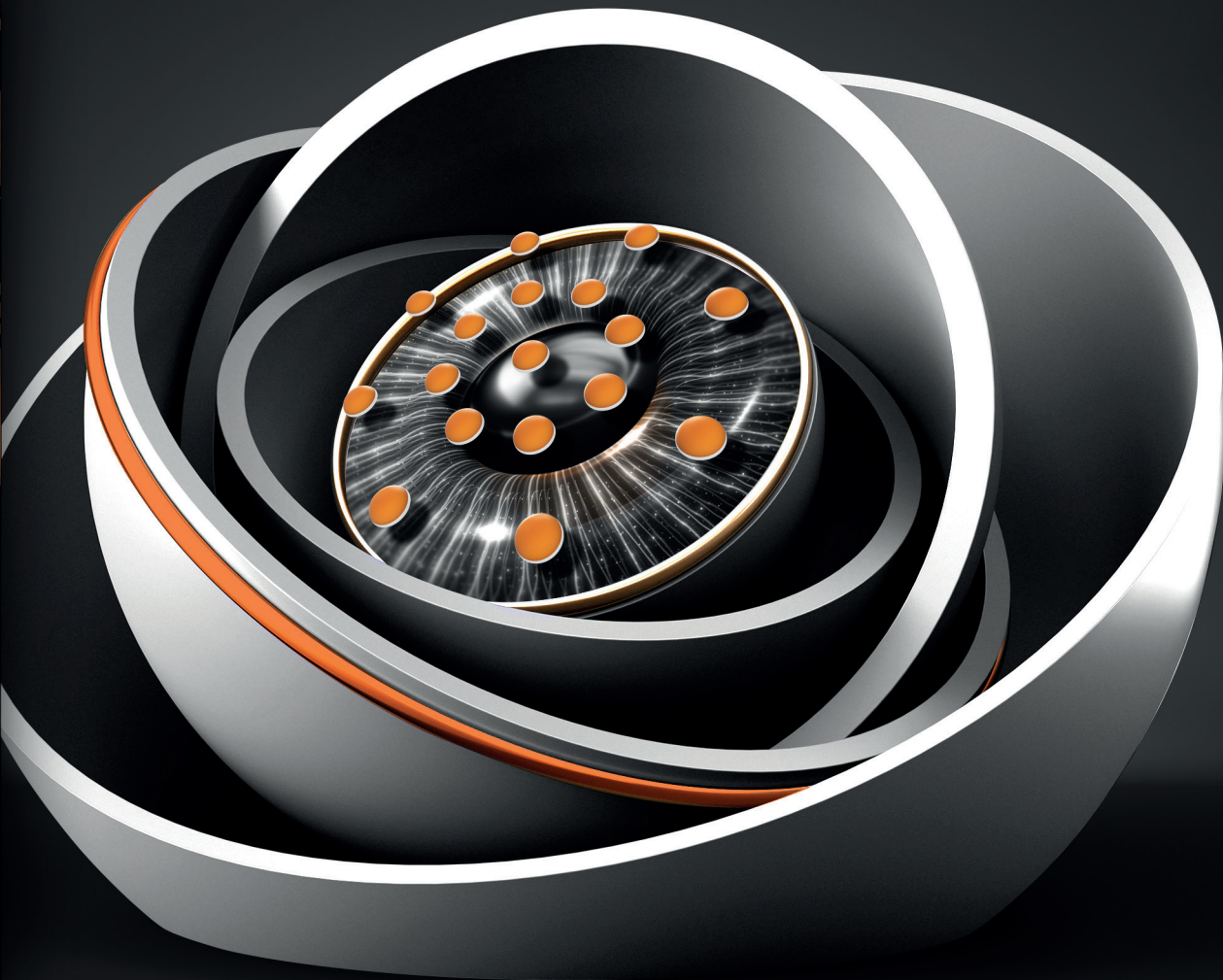
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1:1 scale picture

Pocket III™

ALWAYS **READY**
FOR **PRECISION**



Manufacturer
Quantel Medical
1, rue du Bois Joli - CS40015
63808 Cournon d'Auvergne – FRANCE
Tel.: +33 (0)4 73 745 745
Email: contact@lumibirdmedical.com
ISO 13485 : 2016

Headquarters
Lumibird Medical
1, rue du Bois Joli - CS40015
63808 Cournon d'Auvergne – FRANCE
Tel.: +33 (0)4 73 745 745



www.lumibirdmedical.com



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 μm to 1200 μm , 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



60 g

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 μm
Avg/ 5: 540 μm

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.

TEST BLOCK