

Order

Optician or I^{PRO} customer number

Contact

Address

Town

Post

Phone

Email

iPad-App **I^{PRO}-PASKAL 3D**

- ☐ 001 I hereby place a binding order for the software I^{PRO}-PASKAL 3D for GBP 1500.– ex VAT

The price includes:

- ▶ Apple App-Store voucher for I^{PRO}-PASKAL 3D-Remote
Apps for the Apple iPad have to be installed using the account of the final user.
- ▶ Activation code, which will release the full functionality

Features:

- ▶ More than 50 tests in nine categories
- ▶ One standard test series
- ▶ Individual test series can be set up

Licence information:

- ▶ The I^{PRO}-PASKAL 3D licence is valid for one iPad only and cannot be used on multiple iPads

Prerequisites:

- ▶ Apple iPad (details s.b.)
- ▶ I^{PRO}-PASKAL 3D-Remote has been installed on the iPad
- ▶ Apple TV Set-Top Box (details s.b.)
- ▶ Fully functional WLAN in test room (details s.b.)
- ▶ 3D-Monitor with passive 3D-technology (details s.b.)

- ☐ 002 I would like to have the software installed and initial training performed by my I^{PRO}-consultant (GBP 75.– ex VAT/per hour + call-out charges).

Apple iPad

- ☐ 003 I already own an Apple iPad.

The following conditions are fulfilled:

- ▶ iPad 3 or newer or iPad Mini (has reduced readability)
- ▶ An Apple iPhone is not suitable
- ▶ Tablets with other operating systems, smart-phones or eBook readers are not suitable

- ☐ 004 I will purchase the Apple iPad Air WIFI from a dealer of my choice.

Type designation: Apple iPad Air

Apple TV Set-Top Box

☐ 005 I already own an Apple TV Set-Top-Box (of the so-called 2nd or 3rd generation).

☐ 006 I will purchase the Apple TV Set-Top Box from a dealer of my choice.

Type designation: Apple TV

3D-Monitor (passive, circular polarisation)

☐ 007 I already own a 3D-Monitor, which fulfills the specs of the I PRO-PASKAL 3D.

Prerequisites:

- ▶ Passive 3D-technology: The 3D effect is achieved by line by line circular polarisation. Only this technology is supported by the I PRO-PASKAL 3D-App.
- ▶ HDMI Input
- ▶ Screen size 32" or more, resolution 1920 x 1080
- ▶ Screen size, refraction distance and possibly mirror size have to match one another. Details see below.

☐ 008 I already own a tilt and swivel VESA wall mount for the 3D-monitor.

☐ 009 I will purchase the LG Smart TV 3D-LED and a fitting VESA wall-mount from a dealer of my choice.

The I PRO-PASKAL 3D-App is a new development which does not claim to be a replacement for the instruments and projectors used by the optometrist to perform eye tests. For this reason, I PRO accepts no liability for the accuracy or completeness of the results.

Our general terms and conditions apply.

Date

Signature

Please note the following:

► Support by your IPRO-consultant

The IPRO-consultant will plan and prepare the WLAN, install the software IPRO-PASKAL 3D-Remote and the IPRO-PASKAL 3D-App on your Apple iPad, and set up the connection with the 3D-Monitor. He will show you how to use the software and monitor and helps you adapt the system to the test room environment (distance, image size, deflection mirror etc.). Please note that we cannot offer mounting works, e.g. deflection mirror or monitor installation, or cabling.

► IPRO-PASKAL 3D-Remote and IPRO-PASKAL 3D-App details

The software solution consists of two components. The **IPRO-PASKAL 3D-Remote** is installed on the iPad and is the remote control, enabling you to control the eye tests which your patient sees on the 3D-monitor. It already includes all configuration options and one eye test. Using this, the 3D-functionality can be tested in the test room on-site.

The **PASKAL 3D-App** contains all eye tests and test series which your patients will see during refraction. As is the case with all iPad-Apps, the IPRO-PASKAL 3D-Remote has to be downloaded from the Apple App-Store. Along with purchasing the IPRO-PASKAL 3D-App, you receive an App-Store voucher for the IPRO-PASKAL 3D-Remote and the activation code for the eye tests and the full functionality for the IPRO-PASKAL 3D-App.

► WLAN in the test room

A fully functional and powerful WLAN has to be available in your test room. For all Apple-devices, there is a free App available in the App-Store, called SPEEDSPOT. Usually, an up-to-date WLAN (IEEE 802.11n or IEEE 802.11ac) is sufficient. However, the speed depends on how many devices use the WLAN simultaneously.

► Polarisation-filter for trial frames

The IPRO-PASKAL 3D-App requires circular polarising filters. The following info regarding manufacturers/models are available as of today:

- **Topcon and Essilor** offer circular polarised filters for their own trial frames.

► Polarisation-filter for Phoropters

The IPRO-PASKAL 3D-App requires circular polarising filters. The following info regarding manufacturers/models are available as of today:

- **Huvitz-Phoropter:** can be fitted with circular polarising filters.
- **AO-Phoropter:** can be fitted with circular polarising filters.
- **Topcon CV 5000-Phoropter:** some series are already fitted with circular polarising filters.
- **Reichert-Schwind-Visusstar:** is AO Type and will be re-fitted by MailShop with circular polarising filters.
- **Bon Optik:** is developing an extension for the Bon DR 900.

► Test room and refraction distance

The recommended **distance** between 3D-Monitor and patient is 4 to 6 meters (4.3 to 6.5 yards).

Mirror: The instrument manufacturers offer mirrors to achieve the recommended distance in smaller rooms. The mirror's width must be wider than half of the monitor's width. A 32" monitor in 16:9 format (width/height) is 27.5 inches wide. So, the mirror should be 14 inches wide.

In practice it has turned out that even a 12x12 inches mirror will give good results, if the monitor is placed more than 20 inches behind the patient's head.

Wall mounting the 3D-Monitor: A VESA wall-mount is required, which will enable the screen to be tilted and swivelled in all directions. This is included in the IPRO TV-offer. Of course, the wall must be stable enough. The VESA wall-mount should be fitted approximately at patient eye-height.

Important note: We strongly advise that the IPRO-PASKAL 3D-App is used as a supplement and not as a replacement for the existing refraction environment.

► Apple-TV-Box-installation

The Apple TV is a small box. We recommend to fix the box with the HDMI-cable to the screen in such a way that it can be seen from the front. A wall-mount is not available.

► TV-cable length

The standard HDMI-cable is about 1 meter long. The standard power chord is about 1.5 meters long.