

# FREY PERIMETER AP-300



## QUICK SUPPORT GUIDE

How to:

- perform exam
- setup the most used testing strategy
- understand the printout layout
- print result

2018

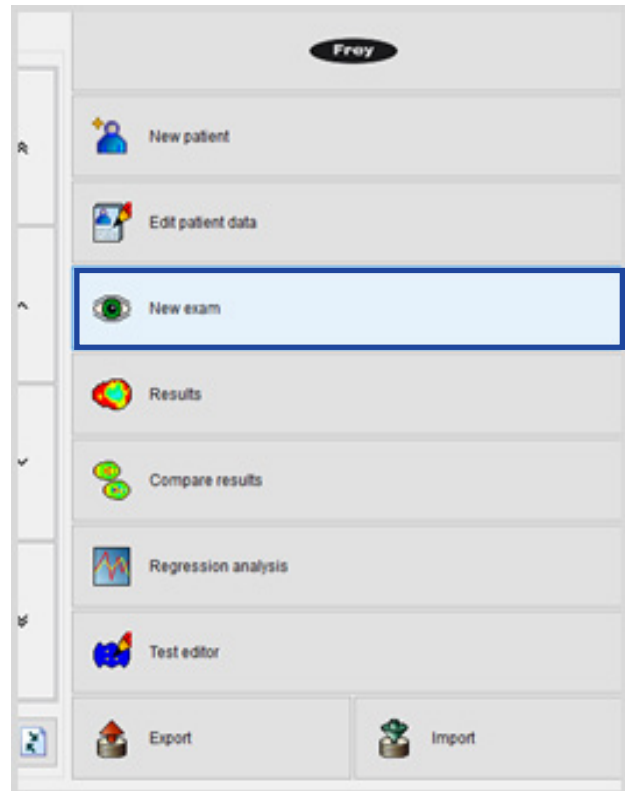
**Frey**

**THERE ARE TWO WAYS TO PERFORM AN EXAM:**

- **STANDARD ACCESS**
- **QUICK ACCESS** via **SIMPLE MENU**

**STANDARD ACCESS**

Select 'New exam' from Main Menu



Set the required parameters of an exam  
(the example below shows the most used settings):

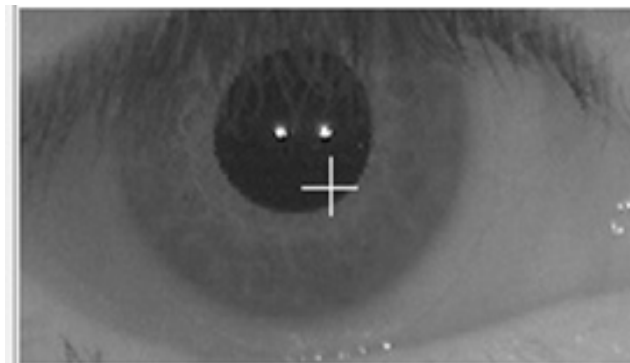
- Central 30-2 field,
- Fast Threshold strategy and
- Digital eye-tracking

After clicking 'OK' the exam is being prepared.

When the test screen appears, please **position** a patient that his/her **pupil is more or less in the centre of the camera window** (no need to position it very precisely!). You should advise the patient to look into the fixation point in the perimeter bowl.

Press the 'Demo' button to demonstrate how the exam will proceed. Your patient can observe the stimuli projected onto the perimeter bowl and try to react using the patient button. When patient is ready, the exam can be started by the 'Start' button.

After the exam is finished it will be saved automatically and you will be asked what to do next.



## THE FASTEST WAY TO PROCEED

The fastest way to proceed is:

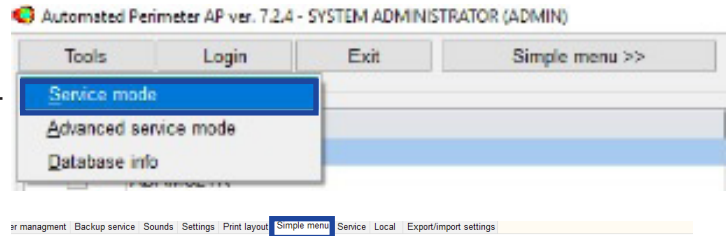
- to print the results (just click 'Print' in the window which will appear after the WHAT???)
- then to start testing patient's second eye or test the same again if needed (click appropriate option in the window after exam is printed)

The 'Simple Menu' is a concept which minimizes the time required to start an exam. You can configure your preferred test or tests and they will be highlighted in the fields on the main screen.

## 3 STEPS

TO CONFIGURE THE 'SIMPLE MENU' SCREEN.

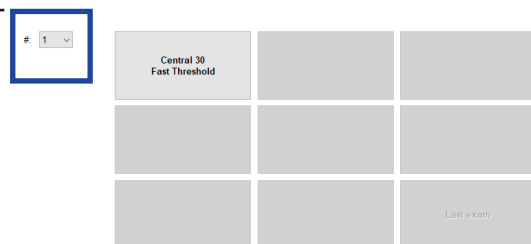
**1** go to the **Service Mode**



**2** go to the '**Simple Menu**' tab

**3** define here up to 8 configuration sets

You can define up to 8 configuration sets. Select on the left how many buttons (predefined exams) you need. On the example above we have **one set defined**.



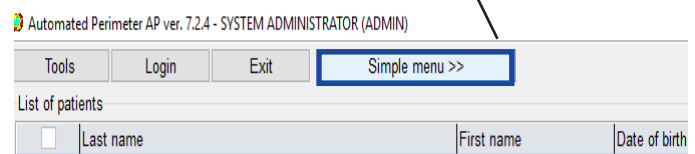
Press for example the first button.  
The configuration screen will appear:

Define the parameters according to your needs (**this example sets the most used standard: Central 30-2 field and Fast Threshold strategy**).

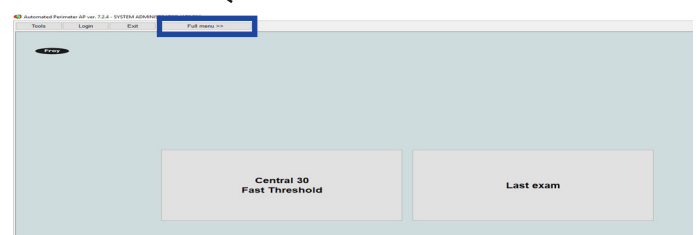
Name the exam here (the 'User exam name' field) or leave it blank (it will have a default name).

Click '**OK**' and then the '**Save**' button in the '**Simple Menu**' tab.

Access the 'Simple Menu' screen clicking '**Simple Menu >>**':



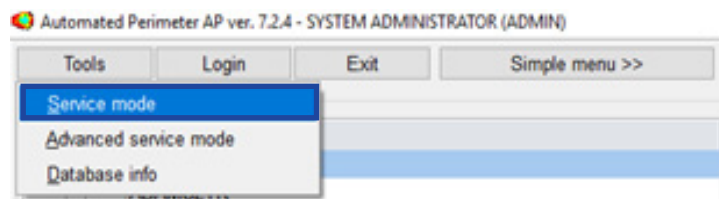
Return to the default view clicking '**Full menu >>**' button when the Simple Menu screen is displayed.



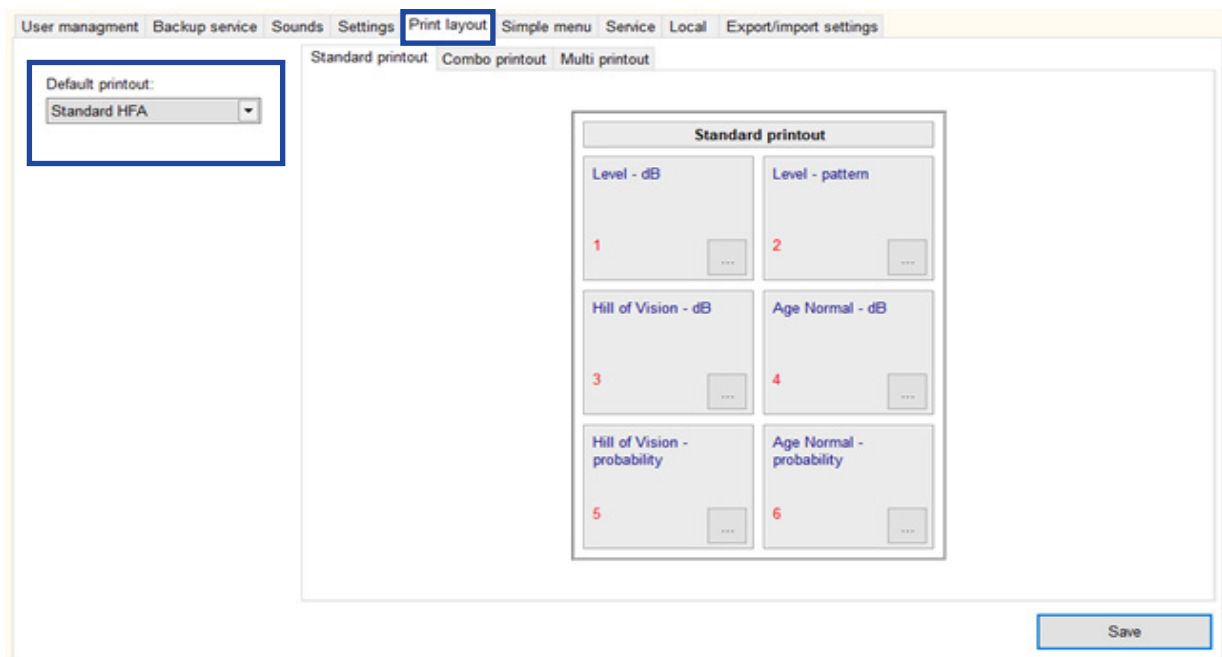
You can also set the Simple Menu screen as the default screen. Go the 'Service Mode', next to the 'Settings' tab, check 'Test and strategy selection - Simple menu', finally click 'Save'.

How to define your required print format? Let's assume you need the most used 'Standard HFA' format.

1. Go to the 'Service Menu'.



2. Then go to the 'Print layout' tab:



3. From the 'Default printout' combo box select 'Standard HFA' and click the 'Save' button.

## INFORMATION ABOUT PRINTOUTS

The most used printout format is called 'Standard HFA' and is compatible with standard introduced by Zeiss Humphrey in their HFA perimeters line.

## Single Field Analysis

Name: JAMES BROWN

ID:

Eye: Left

DOB: 14-12-1986

Test name: Central 30-2

Fixation Target: Central  
 Fixation Monitor: Blindspot  
 Fixation Losses: 8/13  
 False POS Errors: 23%  
 False NEG Errors: 0%  
 Test Duration: 00:04:19

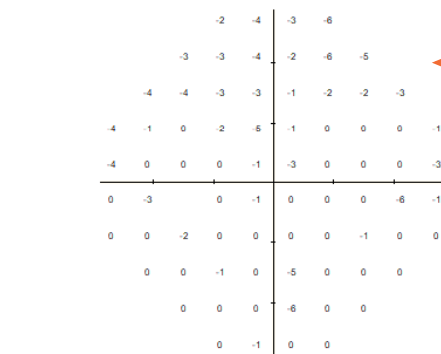
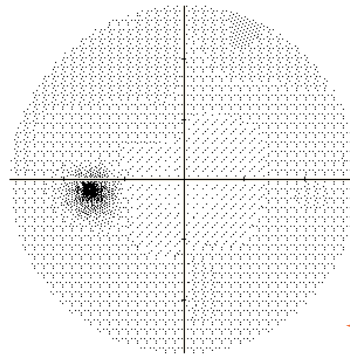
Stimulus: White III  
 Background: White 10 cd/m<sup>2</sup>  
 Strategy: Fast Threshold

Pupil Diameter: -  
 Visual Acuity:  
 RX: Nie

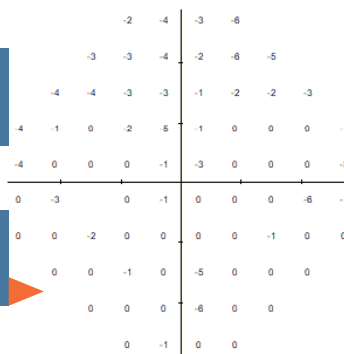
Date: 19-01-2017  
 Time: 12:01:01  
 Age: 30

## TEST PARAMETERS

Fovea: -



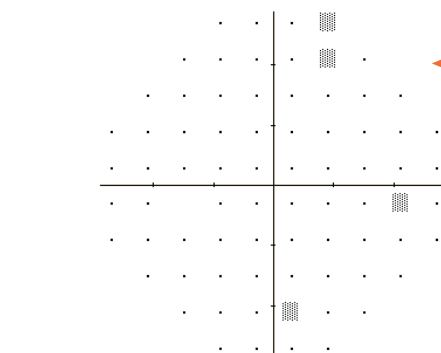
## TOTAL DEVIATION MAP



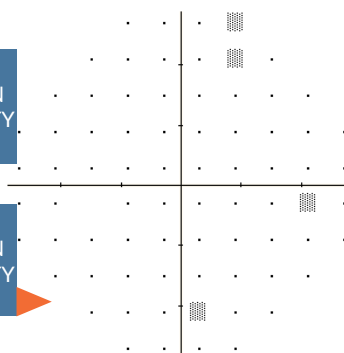
## PATTERN DEVIATION MAP

Total Deviation

Pattern Deviation



## TOTAL DEVIATION PROBABILITY MAP



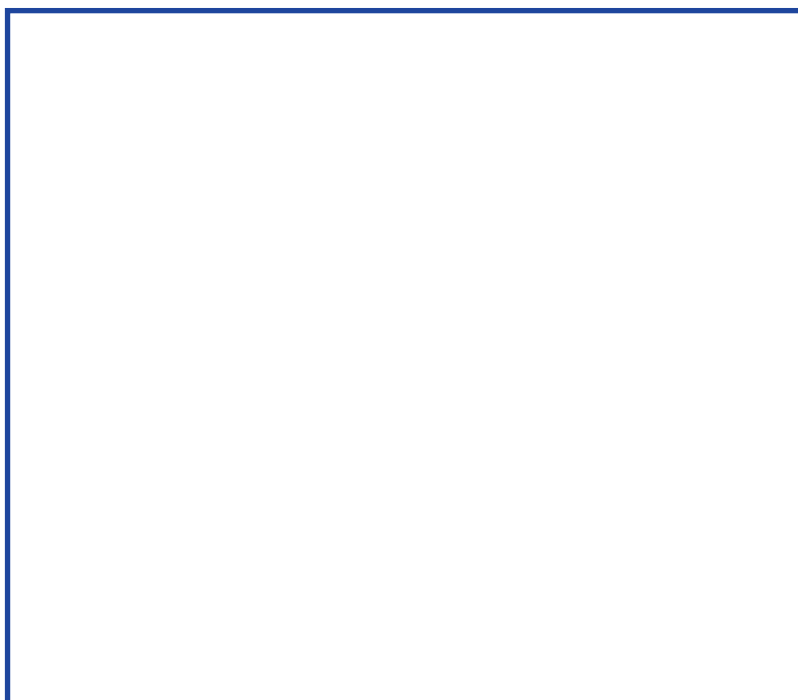
## PATTERN DEVIATION PROBABILITY MAP

■ P < 5%  
 ■ P < 2.5%  
 ■ P < 0.5%  
 ■ P < 0.1%

GHT  
 No zone defects

AP\_MD: -1.49 dB  
 AP\_PSD: 1.88 dB  
 AP\_SF: -  
 AP\_CPSD: -

## GLOBAL INDEXES



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