

Technical data Specifications

Choose the HFA3 that's right for you

Specifications	HFA3				Humphrey Matrix 800	Humphrey FDT
	830	840	850	860		
Test specifications						
Maximum temporal range (degrees)	90				30	30
Stimulus duration	200 ms				300 ms	200-400 ms
Visual field testing distance	30 cm				Infinity	Infinity
Background illumination	31.5 ASB				100 cd/m ²	100 cd/m ²
Threshold test library						
N-30					•	•
C-20						•
24-2, 30-2, 10-2, Macula	•	•	•	•	•	
60-4, Nasal step	•	•	•	•		
Threshold test strategies						
SITA Standard, SITA Fast, SITA Faster, Full Threshold, FastPac	•	•	•	•		
SITA-SWAP			•	•		
MOBS					•	•
ZEST					•	
Suprathreshold test library						
C40, C76, C80	•	•	•	•		
C64, C-Armaly	•	•	•	•		
C-20						•
N-30					•	•
24-2					•	
Peripheral test patterns	•	•	•	•		
Suprathreshold test modes						
Age corrected	•	•	•	•	•	•
Threshold related, Single intensity	•	•	•	•		
Specialty test library						
Social Security Disability, monocular, binocular	•	•	•	•		
Esterman monocular, binocular, superior 36, 64	•	•	•	•		
Kinetic testing		•	•	•		
Custom Kinetic testing		•	•	•		
Custom Static testing	•	•	•	•		

Features	HFA3				Humphrey Matrix 800	Humphrey FDT
	830	840	850	860		
Fixation control						
Heijl-Krakau blind spot monitor	•	•	•	•	•	•
Video eye monitor	•	•	•	•		•
Gaze tracking		•	•	•		
Head tracking		•	•	•		
Vertex monitoring			•	•		
Operator interface						
Display	Touchscreen LCD				LCD	LCD
Keyboard	•	•	•	•		•
Stimulus						
Frequency doubling					•	•
White-on-white	•	•	•	•		
Red- or blue-on-white		•	•	•		
Blue-on-yellow (SWAP)			•	•		
General testing features						
Stimulus sizes	Goldmann I-V				10°	2°, 5°, 10°
Foveal threshold testing		•	•	•		
Automatic pupil measurement		•	•	•		
Liquid Trial Lens (AutoTLC)				•		
RelEYE eye review			•	•		
Test storage						
User-defined	•	•	•	•		•
Software features						
Single Field Analysis (SFA)	•	•	•	•		
Glaucoma Hemifield Test (GHT)	•	•	•	•		•
Visual Field Index (VFI)	•	•	•	•		
Guided Progression Analysis (GPA)	•	•	•	•		
Mixed GPA	•	•	•	•		
Serial field overview	•	•	•	•		•
Networking	•	•	•	•		•
FORUM Connectivity	•	•	•	•		•
DICOM Connectivity	•	•	•	•		•
Printer						
Thermal printer					•	
Native generic PCL 3, PCL 5 and postscript printer support for local, shared and networked printers						•
Native postscript printer support for network capable printers	Optional					
Data storage, retrieval and analysis						
Hard drive	500 GB					250 GB
USB	•	•	•	•		•
CD-R/W drive						•
Dimensions						
Height	23" (58 cm)				17" (43 cm)	17" (43 cm)
Width	20" (51 cm)				10" (25 cm)	12.2" (31 cm)
Depth	18" (46 cm)				19" (48 cm)	33.5" (85 cm)
Weight	63 lbs (28.7 kg)				19 lbs (8.6 kg)	37.5 lbs (17.4 kg)
Electrical requirements						
	100-120V~, 50/60Hz, 4.0A 230V~, 50/60Hz, 1.8A				100-120V, 50/60Hz 230V, 50/60Hz	100-240V~, 50/60Hz, 200VA max
Standards						
Meets UL, CSA and CE standards	•	•	•	•	•	•