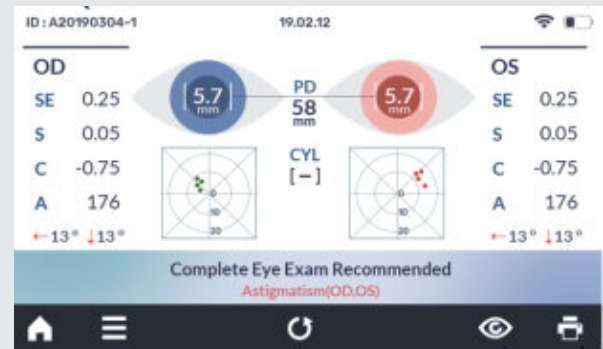# VISION SCREENER
CVS-1

CHAROPS

A Good Helper of Vision Screening

Chrops vision screener can screening shortsightedness,hyperopia, astigmatism,PD,pupil size and anisometropia fast and accurately. And it provides reference for prevention activities.
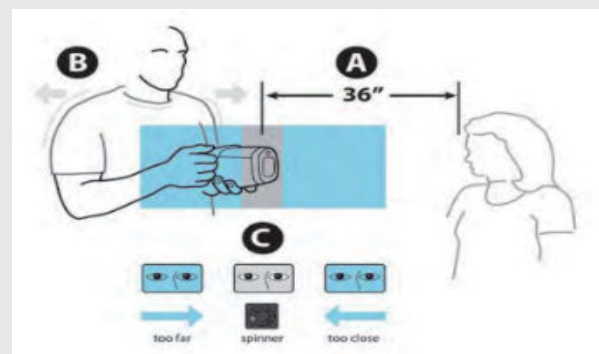
Test Both Eyes at One Time

Refractive diopter, PD, PD diameter, fixation asymmetry, anisometropia and other data of both eyes can be received quickly with just one test.
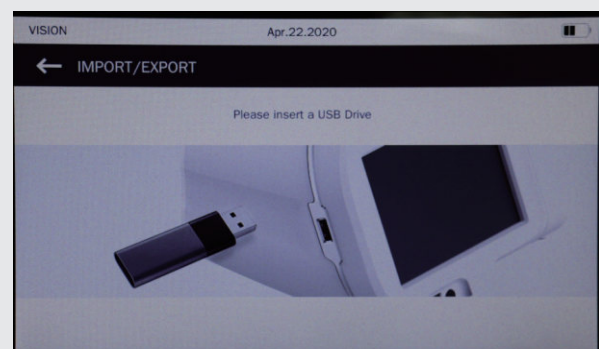

Rapid Measurement

1m test distance,non-contact test, safe and more sanitary,smart far and near focus prompts.The fastest measurement just need 0.1sec.

Data Transmission

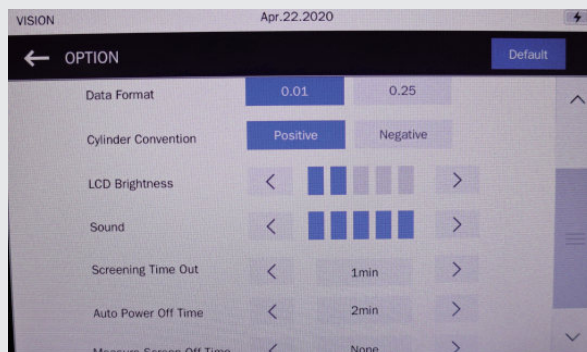Data can be bulk imported and exported by connecting with USB stick, USB cable,WIFI.

Bluetooth Print

The external bluetooth printer is small but sensitive.If there is no need to print out, also can get the measurement result by scanning Wechat QR code.
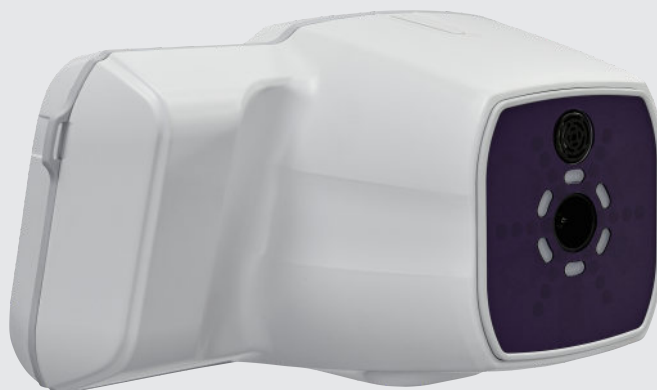
Built-in Rechargeable Battery

Built-in rechargeable battery with high power capacity ; adjustable brightness ; 3 levels of settings for intelligent screen saver time ; auto power-off if not using for a long time.

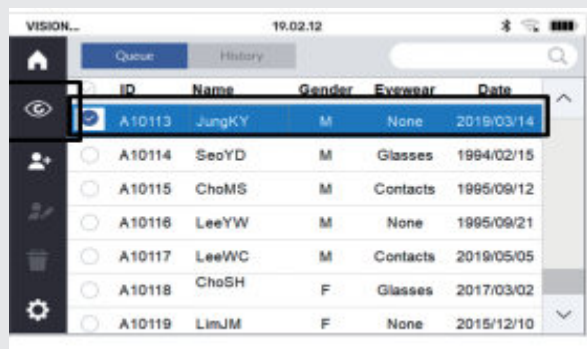## Wide Range of Measurement

The rage of measurement is from 6 months to 100-year-old.In the back, there provids dynamic led and music to attract kids'eyes for easy measurements.

Digital List, Easy & Quick

You can do paging query also quick search by names.Testing reports can be created after connecting with matching PC softwares.

Small Size, Light Weight, Easy to Carry

HUVITZ
SHANGHAI

Measurements

Spherical	Range	-8.00D to +8.00D		
	Increment step	0.01D/0.25D		
	Accuracy	-3.50D to +3.50D	±0.50D	
		-8.00D to < -3.50D	±1.00D	
		> +3.50D to +8.00D	±1.00D	
Cylindrical	Range	-3.00D to +3.00D		
	Increment step	0.01D/0.25D		
	Accuracy	-1.50D to +1.50D	±0.50D	
		-3.00D to < -1.50D	±1.00D	
		> +1.50D to +3.00D	±1.00D	
Axis	Range	0 - 180°		
	Increment step	1°		
	Accuracy	± 10°	For CYL's values > 0.50D	
Pupil Size	Range	4.0 - 9.0mm		
	Increment step	0.1mm		
	Accuracy	± 0.4mm		
Pupil Distance	Range	35-80mm		
	Increment step	1mm		
	Accuracy	± 1.5mm		
Time Per Measurement	≤1sec		After focusing	
Measuring Distance	100cm±5cm			
Fixation Target	Visual pattern and audible sound			
Specifications	Wireless Network	802.11 b/g/n		
	Interface	USB 2.0		
	Printer	Bluetooth Thermal printer		
	Monitor	5 Inch Color TFT LCD		
	Power Adapter	Input 100-240V 0.6-0.8A 50-60Hz/ Output 15V 2A		
	Dimensions	192mmX153mmX126mm		
	Weight	1.2Kg		
	Screening Time Out	30sec，1min，2mim		
	Auto Power Off Time	30sec，1min，2min		

Above specification and design may be altered without notice.