



ESR Line

Digital PD Meters



OPHTHALMOLOGY / ENT



ESR Line

Digital PD Meters

Cod. ESR-1



Main technical features

Measure range	two eye pupil distance:44~83mm
Availability measure range	two eye pupil distance: 22~41.5mm Left/right distance:22.5~41mm
Show error	≤0.5mm
Rounding error	≤0.5mm
Single eye measure	Yes
Target distance	30cm~∞
Power	DC 6V, 4 batteries
Auto shut off	1 min after the stop of use
Size	214x150x51mm
Weight	0.8kg

Cod. ESR-2



Main technical features

Measure range	two eye pupil distance:44~83mm
Availability measure range	two eye pupil distance:22~41.5mm Left/right distance:22.5~41mm
Show error	≤0.5mm
Rounding error	≤0.5mm
Single eye measure	Yes
Target distance	30cm~∞
Power	DC 6V, 4 batteries
Auto shut off	1 min after the stop of use
Size	214x150x51mm
Weight	0.8kg

Cod. ESR-3

- It features consecutive measurement
- Direct point-sampling
- High accuracy of orientation
- Mechanical hairspring used to level at the reflecting point of human cornea
- Adjustable LED brightness
- +2.0D compensation for the degree of eyesight is available.

Main technical features

Measure range	two eye pupil distance:45~82 mm
Availability measure range	Left/right pupil distance:22.5~41 mm
Show error	≤0.5 mm
Rounding error	≤0.5 mm
Target distance	30 cm~∞
Power	DC 3V, 2 AA batteries
Auto shut off	1 min after the stop of use
Size	233×165×70mm
Weight	0.68kg


Cod. ESR-4

- Use exactitude optical configuration,measure more correctly.
- With adjustable knob,adjust the distance of sight, suitable all kinds of patients.
- It can store the numer of the last measuring ,after shut off the power.

Main technical features

Measure range	two eye pupil distance:48~77 mm
Show error	≤0.5 mm
Rounding error	≤0.5 mm
Single eye measure	Yes
Auto shut off	1.5 min after the stop of use
Weight	1.2kg


Cod. ESR-5

- PD Meter is a digital precision optical instrument used to measure distance between human pupils in the process of optometry.
- This device is designed in a scientific and reasonable way, integrating technologies on optics, microelectronics.

Main technical features

Measure range	two eye pupil distance:44~83mm Left/right distance:22~41.5mm
Availability measure range	two eye pupil distance: 45 ~ 82mm Left/right distance:22.5~41mm
Show error	≤0.5mm
Rounding error	≤0.5mm
Single eye measure	Yes
Target distance	30cm~∞
Power	DC 3V, 2 or 4 AA batteries
Auto shut off	1.5 min after the stop of use
Size	219×169×86mm
Weight	0.69kg



Cod. ESR-6



- Method of Measurement Cornea reflection light coincidence method.
- Display: LCD
- LED lamp

Main technical features

Measure range	two eye pupil distance: 46~82mm Left/right distance: 23~41 mm
Availability measure range	two eye pupil distance: 45 ~ 82mm Left/right distance: 22.5~41mm
Show error	≤0.5mm
Rounding error	≤0.5mm
Single eye measure	Yes
Target distance	30cm~∞ translate automatically 30cm, 40cm, 50cm, 1m, 2m
Power	DC 6V, 4 AA batteries
Auto shut off	1 min after the stop of use
Size	220×162×56mm
Weight	0.7kg

Cod. ESR-8



It is a digital precision optical instrument used to measure distance between human pupils in the process of optometry for fitting spectacles.

- It employs precise optical structure, the line of light is very clear and precise measurement. The measurement results are displayed digitally, and the left eye and right eye measuring values are displayed separately.
- Simple and rapid measuring operation, and free operation of the direct PD adjustment lever are possible.
- When the measuring operation is finished, the auto poweroff and memory function, enable to save the power and not to lose the data.

Main technical features

Single eye measure	Yes
Power	5W, 12V battery
Auto shut off	1 min after the stop of use
Size	215x122x44 mm
Weight	0.2kg