

LM-900 AUTO LENS METER

Accurate & High speed

The 4th generation operation system, with HD screen and blue ray

FEATURES

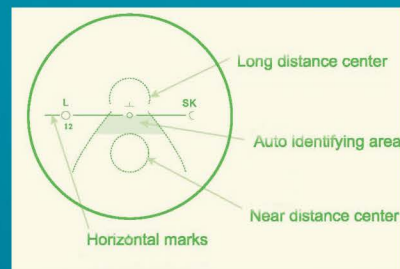
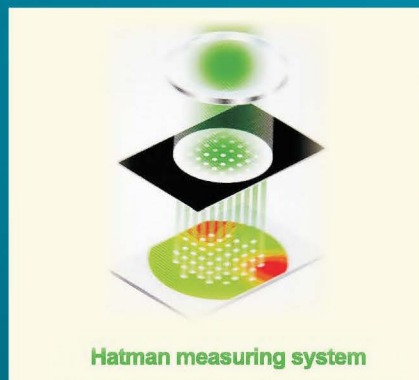
- Hartman testing method, CPU high-speed precise computing
- Automatic recognition of single and progressive lens
- Automatic measurement, reading and memorying the data
- ABBE compensation no need
- Broad contents, strong performances, simple and convenient operation
- Latest international designing concept of collecting technology, mode and individuality
- With PD, built-in printer and inner UV part
- Accelerator key used

ADVANTAGES

1. More functions
2. High speed(not simple speed only, that's the image taking in, data transmitting, calculating and processing in synchrony and precision and high speed)
3. High precision(powerful software processing capacity, unparalleled house-in optical circuit structure designed)
4. High quality components, high standard, fine workmanship (three key standards: strict components purchasing, production controlling and testing)
5. Substantial, generous and integrated appearance designing
6. High stability(failure rate at 1% or so)



CE FDA



Auto identifying system of progressive lens



Technical advantages

1. Dark dyeing lens and polarized lens can be measured
2. Low power sunglass lens can be measured (± 0.12 inside of can be measured)
3. Surface scratched lens can be measured (the surface film of the weared lens seriously come off or degenerate)
4. Real UV measure (can measure the midway penetrating value)
5. Real value measured especially for RDD and ADD
(Real measuring to the original data per each point of lens, not make any experienced disposal)
6. ABBE compensation no required when different refraction rate lens can be measure
7. Wide measuring range(± 35.00 , error ± 0.25 inside of)
8. Utmost value measure(can measure the residual astigmatism power in lens)
9. Auto identifying system(judge the lens type automatically and accurately, not make an erroneous judgement)
10. Connect with computer(directly transmit the measured data into computer in stock for use)

SPECIFICATIONS

Measuring Range

- Sphere.....0 to $\pm 35D$ (0.01D, 0.06D, 0.12D, 0.25D steps)
- Cylinder.....0 to $\pm 10D$ (0.01D,0.06D, 0.12D, 0.25D steps)
- Axis.....0-180°(1° steps)
- ADD.....0 to 10D (0.01D, 0.06D, 0.12D, 0.25D steps)
- Prism.....0 to 15 Δ (0.01 Δ steps)

Mode

- Cylinder.....+, +/-, -
- Prism.....X-Y: Cartesian Coordinates H:I, O. V:U,D
P-B: Polar Coordinates
mm: mm expression
- Reading resolving power.....0.01D, 0.06D, 0.12D, 0.25D
- Contact lens.....0 to $\pm 25D$, BC 6.00 to 9.00
- Measuring mode.....single vision lens/bifocal lens/trifocal lens
progressive lens/contact lens

Others

- Lens Diameter..... $\Phi 20$ to $\Phi 100$ mm
- PD.....40 to 90mm(0.5mm steps)
- UV transmissivity test
Measurable transmissivity.....>10%; >20% at $\pm 10D$ and over
- Printer.....Built-in thermal print
- Thermosensitive paper size.....57mm
- Display.....TFT LCD (5.7")
- Power.....AC100V to 240V, 40VA
- Product size.....210(L)x190(W)x420(H)mm
- Net weight.....4Kgs

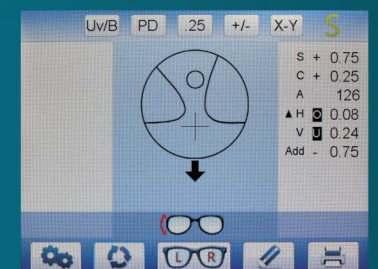


White color is available

Auto identifying



Auto identify interface

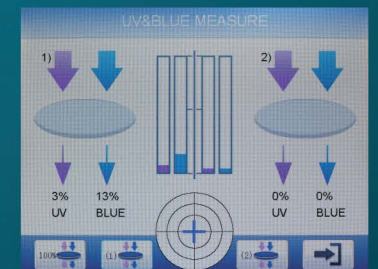


Wrong position interface

Real UV test

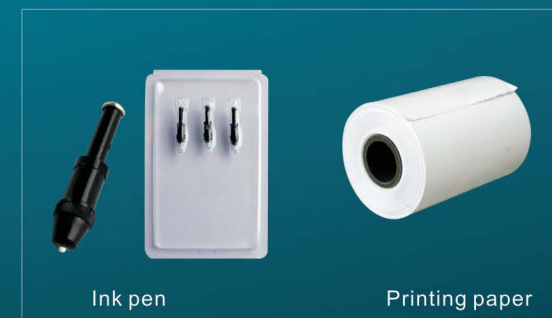


UV penetrability

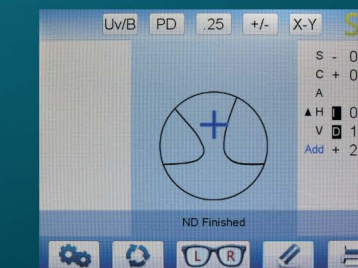


UV compare

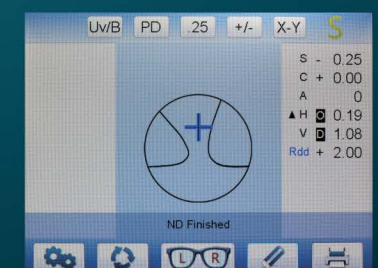
Standard Accessories



Progressive lens measurement



ADD measurement



RDD measurement