



SWAN Manual Lensmeter

Usages

This device is suitable for spectacles measurement detection departments, spectacles processing factories, spectacles retail stores, departments of ophthalmology in hospitals and optical element factories to measure diopter of spherical lens and cylindric lens, astigmatism axis of cylindric lens, diopter of prism and of contact lens, etc.

Main Technical Indexes

1. Ranges of Measurement: 0 to $\pm 20D$
Minimum: 0.125D graduation up 0 to $\pm 5D$
and 0.25D graduations over $\pm 5D$ to $\pm 25D$
2. Cylinder Axis Range: 0~180° step 1°
3. Prismatic Power Range:
Prism diopter of Pattern A: 0-5 prism diopters,
1 Δ graduations Prism diopter of Pattern
B: (with prism compensation device)
0-20 Δ prism diopters, 1 Δ graduations.
4. Prism Base Angle: 0 ~180° Minimum scale value 1°
180°~360° Minimum scale value 5°
5. Eyepiece Adjustment: $\pm 5D$
6. Dimension of Objective Lens: $\varnothing 16mm \sim \varnothing 80mm$
7. Overall Size: 275mm(L) \times 130mm(W) \times 455mm(H)
8. Weight: Pattern A 5.6 kg
Pattern B (with prism compensation device) 5.7 kg
9. Lighting Bulb: 220V/110V 15W

