INAMI PROJECTION PERIMETER L-1550

In all ages

L-1550 is a recognized projection perimeter, highly suitable for precise kinetic quantitative perimetry by Inami's total technology.
We believe that it is our responsibility as an ophthalmic manufacturer to maintain this complete device in the product range in all ages.

Advanced technology

The technology with high mechanism of the optotype projection and the pantograph, as well as coating of the dome inner screen and neutral density filters enable precise kinetic quantitative perimetry.

Precise measurements

Accurate measures retinal sensitivity through combinations of brightness and target size; 120 target varieties possible by combining the density filters and targets (six different sizes.)

Efficient illumination

A single lamp simultaneously illuminates both the sphere and the projection system of the target. The luminosity of the sphere (31.5 asb) is controlled by sliding a diaphragm of the lamp housing socket, and brightness of the target (1000 asb) is adjustable with the light meter, photometer screen, and the rheostat.
Telescope and shutter device

In some cases, patients find it difficult to keep their gaze on fixation point due to tiredness, lack of concentration and such. Patient’s viewpoint can be observed through telescope so that examiner can direct patient to fix viewpoint in the center. Also controlling shutter device can help examiner to confirm patients’ concentration on the examination.

* L-1550 adopts the electric shutter system which causes less technical failures.

Light meter for checking target illumination

The separate sensor unit of the light meter is fixed to the supporting socket - at the right side of the sphere. The projected target brightness upon the light-sensitive cell of the meter is checked and adjusted by the rheostat.

INAMI INSTRUMENT TABLE STAND
K-1425-PN

Specification

Dimensions of base: 510 (W) x 400 (D)
Vertical movement: 200 mm
Minimum ground clearance: 645 mm
Maximum allowable load: 100 kgs
Rise time: 12 seconds (when loading : 60 kgs)
Fall time: 11 seconds (when loading : 60 kgs)
Weight: 26 kgs
Power: 100, 220V AC 50/60Hz
Caster: patient’s side (2 pcs) universal caster & stopper
        doctor’s side (2 pcs) universal caster
Adjuster: patient’s side (2 pcs)
Names of respective parts

1. Projector
2. Lamp house socket base
3. Sliding diaphragm
4. Buzzer
5. Light meter
6. Illumination switch for reading light meter
7. Telescope
8. Chart fixation plate
9. Knob for chart fixation plate
10. Illumination intensity control
11. Main switch
12. Centering pin of pantograph
13. Centering socket
14. Recording Paper
15. Lens holder
16. Knob for pantograph
17. Shutter
18. Illumination for recording paper
19. Knob for lateral movement of the head-rest
20. Knob for vertical movement of the chin-rest

Specifications

Neutral density filters:
A: 0.0315, 0.10, 0.315, 1.00
B: 0.40, 0.50, 0.63, 0.80, 1.00
C: 0.01, 0.0001
Target sizes: 1/16, 1/4, 1, 4, 16, 64mm²
Bulb: 6V 4.5A (L1550V1), Main bulb 8V 0.75A (L1550V2) for pilot lamp
Power source: 100, 110, 240V AC50/60Hz
Dimensions: 700(W)x540(D)x530(H) mm
Weight: 38kg

Equipped with: Manual shutter device for projection target, Light meter and photometer screen for checking illumination of target, Kinetic quantitative perimeter function
Accessories: Recording papers, chin-rest papers, color filters (red, green and cobalt) fixed onto the objective of the projector, correcting lens holder, telescope for setting the target brightness and spare bulbs

Bulbs:
- L1550V1: Main bulb
- L1550V2: For pilot lamp

Specifications are subject to change

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