



SYNOPTOPHORE
OPHTHALMIC OPTICAL INSTRUMENTS

MODEL **MT-364**



Aiming at new levels in quality

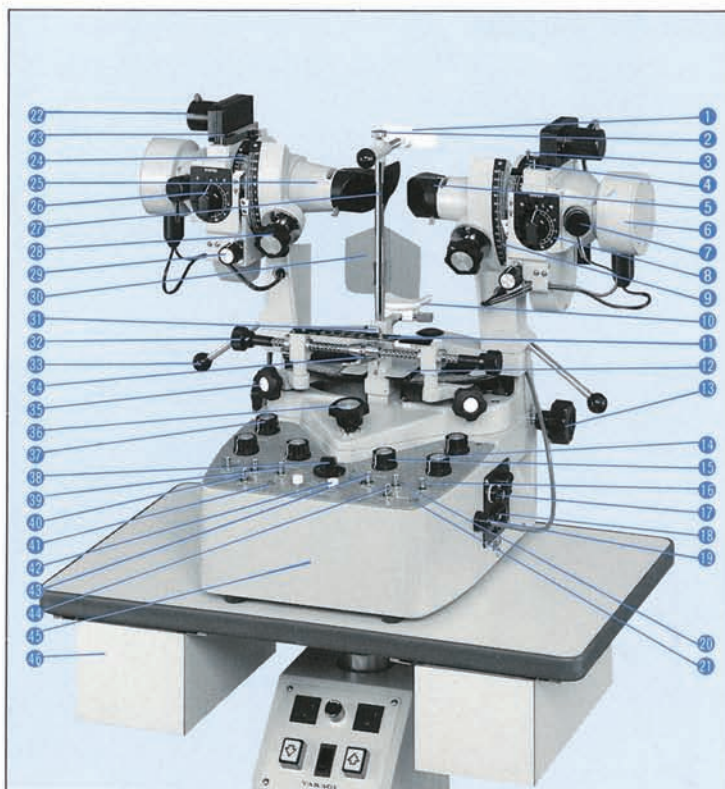
The new **TAKAGI** SYNOPTOPHORE, the product of our years of experience in the design and manufacture of ophthalmological equipment. We are sure that you'll find in it the modern features that you are looking for.

OUTSTANDING FEATURES

The list below will show you what a wide range of examination and correction work this new synoptophore is equipped for. All devices are arranged for easy handling and a new wide Haidinger's brushes' device rotation range and wider automatic flashing count range are provided. Performance is further enhanced with the stepless diaphragm for field adjustment and in combination with other devices such as the half mirror head, etc.

SPECIFICATIONS

Pupil Adjusting Distance	45 – 80mm
Chinrest Height (from eyepiece tube)	60 – 130mm
Slides	13 sets
Automatic Flashing Device	10 – 400 times per minute
Manual Flashing Device	Pushbutton operation
Stepless Diaphragm	Visual field (angle) adjustment
Haidinger's brushes' device	50 – 100 revolution per minute
Target Illuminating Lamp	6.2V 0.3A, one each for left and right
After Image Lamp	12V 2A, one each for left and right
Power	100V–240V, AC, 50/60Hz (high voltage)
Power Consumed	58W
Fuse	2A
External Dimensions	530 x 310 x 390 (mm)
Weight	20kg
Half Mirror Heads	1 set



Examination, Exercise and Correction Capability

Simultaneous perception, fusion, stereopsis, vergence, retinal correspondence, monocular position, single eye fixation examination, removal of suppression, strengthened fusion, eyeball exercise and correction of retina.

Slides	Complete	13 Sets
Simultaneous perception	Red Bind	3 Sets
R1	Car	5.5°V 8.5°H
R2	Garage	11°V 13°H
R3	Butterfly	4°V 6°H
R4	Net	7°φ
R5	X	1°S
R6	Square	1°S
Fusion	White Bind	4 Sets
W1.2	Rabbit	11°S
W3.4	Elephant	6°S
W5.6	Bear	7°S
W7.8	Cars	4°V 8°H
Stereopsis	Yellow Bind	3 Sets
Y1.2	Small Gateway	10°V 8°H
Y3.4	Seal	Balanced Balls, 6°V 5°H
Y5.6	Airplane and Four Parachutes	17°V 15°H
Maddox	Green Bind	2 Sets
G1	Red Circle	3.5°φ
G2	Green Square	6.5°S
G3	Arrow	G4 γ Angle
Special	Blue Bind	1 Set
B1	After Image (Vertical Lines)	B2 Afterimage (Horizontal Lines)

V: Vertical H: Horizontal S: Square

- (1) Forehead rest
- (2) Forehead rest forward and back fixing knob
- (3) Visual field diaphragm knob
- (4) Visual field diaphragm reading scale
- (5) Eyepiece
- (6) Afterimage, H.B. lamp house
- (7) Slide illuminating lamp
- (8) Slide up and down movement reading scale
- (9) Tube raising and lowering and rotating reading scale
- (10) Chin rest
- (11) Horizontal rotation reading scale
- (12) Horizontal rotation reading scale
- (13) Pupil distance adjusting knob
- (14) H.B. device speed adjusting knob
- (15) Flashing time adjusting knob
- (16) H.B. device rotation and direction change switch
- (17) Fuse holder
- (18) Power socket
- (19) H.B. device plug
- (20) H.B. illuminating switch
- (21) Power pilot lamp
- (22) H.B. device (H.B. is an abbreviation for Haidinger's brushes' device)
- (23) Slide inlet and chamber
- (24) Slide rotation reading scale
- (25) Tube
- (26) Slide raising and lowering control knob
- (27) Light shield (shading plate)
- (28) Tube raising, lowering, rotation knob
- (29) Slide rotation knob
- (30) Breach shield
- (31) Forehead rest fixing knob
- (32) Horizontal rotation fine movement knob
- (33) Horizontal rotation coarse movement handle
- (34) Center lock
- (35) Horizontal rotation fixing knob
- (36) Chin rest raising and lowering control knob
- (37) Slide illumination adjusting knob
- (38) Flash manual, auto, afterimage change knob
- (39) Shortest flashing time, variable change-over control switch
- (40) Automatic flashing switch
- (41) Automatic flashing pilot lamp
- (42) Manual flashing button
- (43) Automatic flashing synchronizing and alternating switch
- (44) Power switch
- (45) Body
- (46) Special table with slide case (Optional equipment)

●Kindly note that specifications may vary as improvements are carried out in the design.