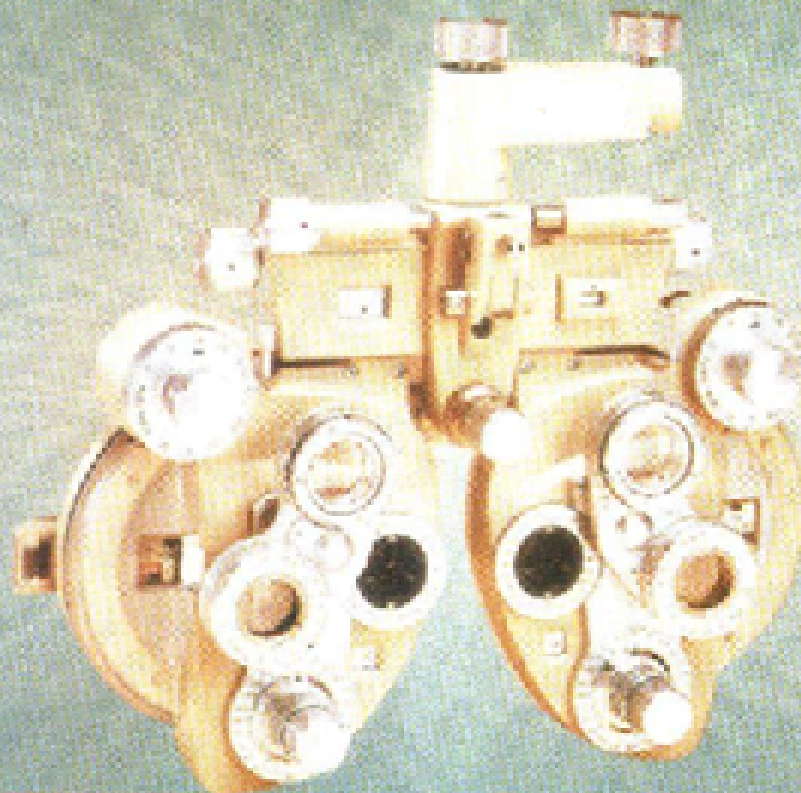


MATRIX MANUAL PHOROPTER MODEL:MST2000



TECHNICAL SPECIFICATIONS

Measuring Range :

Sphere	:	+16.75D~ -19.00D and +26.75D~ -29D (with optional auxiliary lenses +10D and 10D) Steps of 0.25 D (step of 0.12D with auxiliary lens +0.12D)
Cylinder	:	0~ -6D and 0~ -8D(with auxiliary cylinder lens 2D) Steps of 0.25D (step of 0.12D when applied with auxiliary cylinder lens +0.12D)
Cylinder Axis	:	0~180 (steps of 5)
Cross Cylinder	:	0.25D
Rotary Prism	:	0~ 20 Δ (step of 1 Δ)
Auxiliary Lens Dial	:	O - Open aperture (two positions), R -Retinoscopic lens +1.5D, P -polarizing lens (45° left Eye & 135° Right eye)
WMV/RMV	:	Madox Rod, Vertical (White-Left Eye / red-Right Eye)
WMH/RMH	:	Madox Rod, Horizontal (White-Left Eye / red-Right Eye) RL -Red Lens, PH -Pin Hole, OC -Occluder
P.D. Adjustment	:	50 ~75mm (in step of 1 mm)
Convergence Adjustment	:	∞ ~ 380mm (when P.D. 64mm)
Forehead rest adjustment	:	16mm
Vertex Distance	:	13.75mm
Dimensions	:	338(L) x 99 (W) x 292 (H) mm
Weight	:	5Kg. Approx
Finish	:	Cream white or Black color

Standard Accessories: set of Auxiliary lenses with case, 1 near point card with holder and reading rod (for Near vision test) and Dust Cover.

