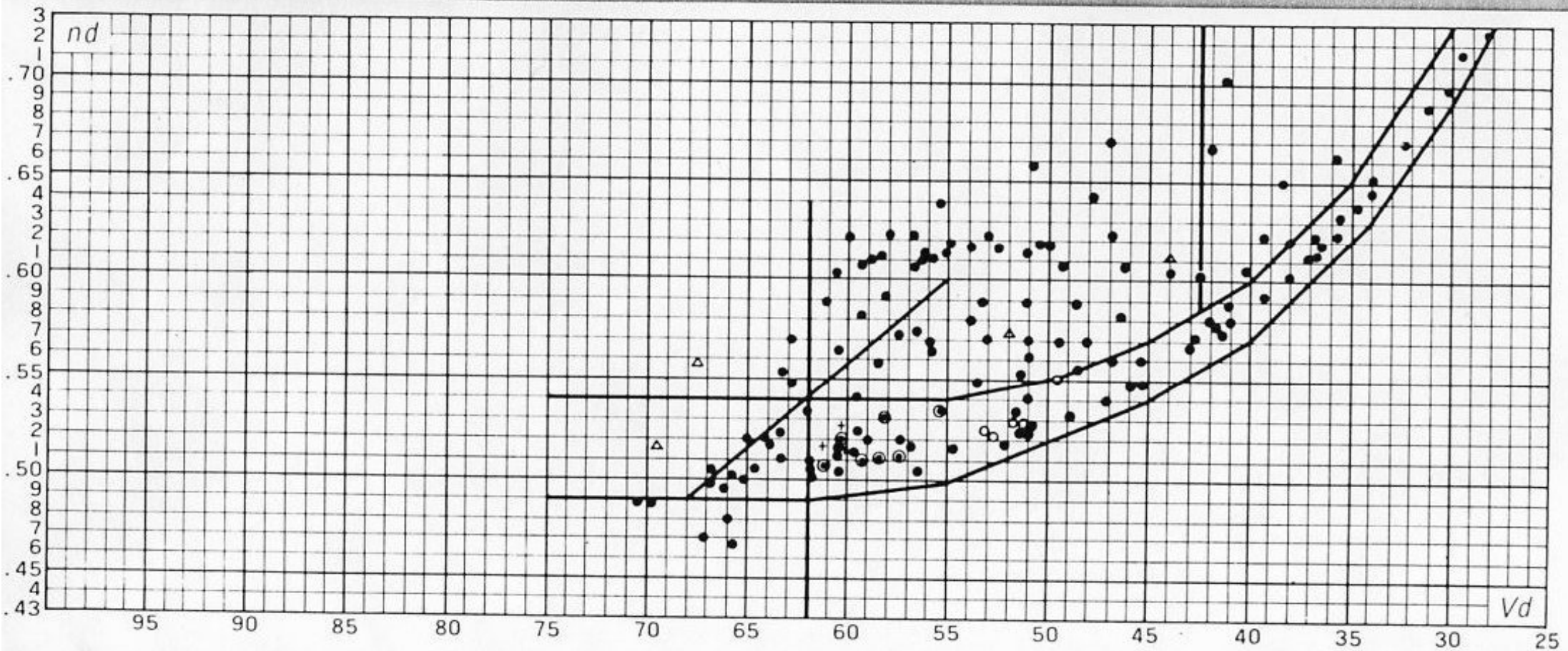


# ASAHI PENTAX

## ULTRA-ACHROMATIC-TAKUMAR 85mm F4.5 • 300mm F5.6

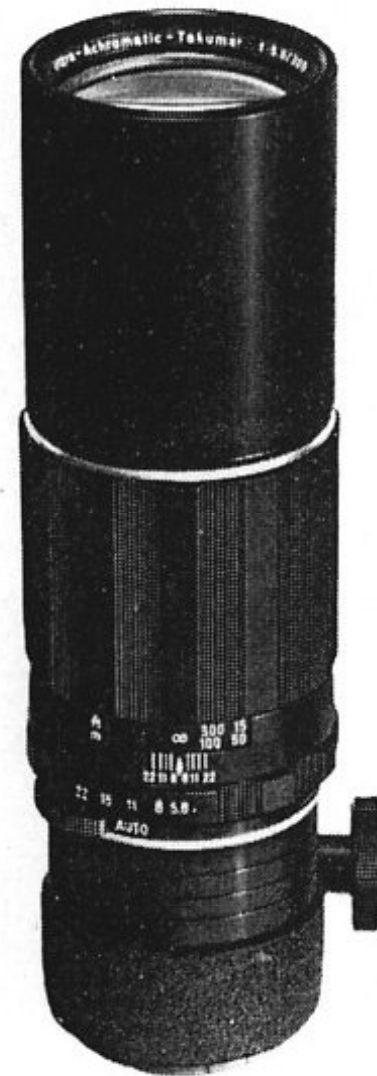
OPERATING MANUAL



# ULTRA-ACHROMATIC-TAKUMAR



85mm F4.5



300mm F5.6

# SPECIFICATIONS

Focal length	85mm	300mm
Chromatic aberration correction	220 ~ 1000m $\mu$	400 ~ 850m $\mu$
Lens element	5	5
Angle of view	29°	8°
Diaphragm	Fully automatic	Fully automatic
Aperture scale	4.5 · 8 • 11 · 16 · 22 (Mark “•” indicates f/5.6, and “•”, intermediate f/stop.)	5.6 · 8 · 11 · 16 · 22
Minimum distance	0.6m (2 ft)	1.85m (16 ft)