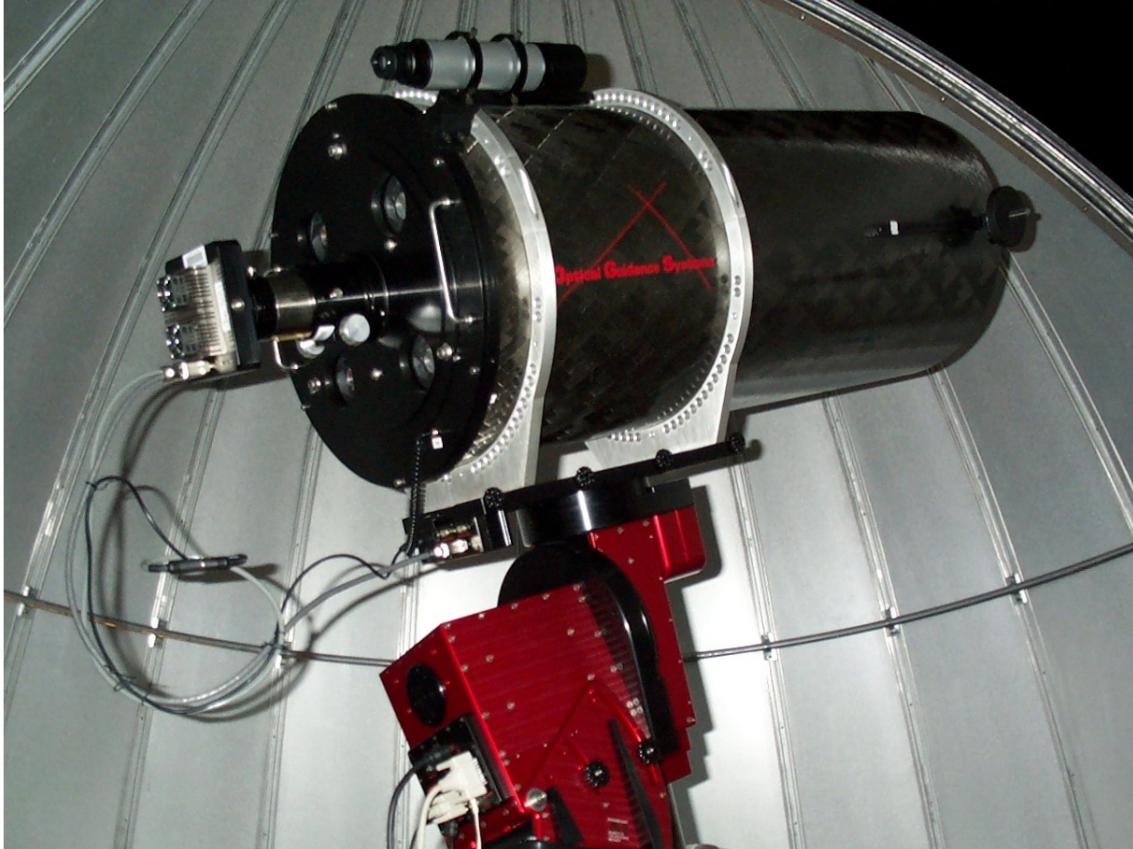


~~Optical Guidance Systems~~

~~Research Telescopes~~

2450 Huntingdon Pike, Huntingdon Valley, PA 19006
www.OpticalGuidanceSystems.com | 215.947.5571

RC16 XZe – ME II



Optical System

Primary Diameter	16.0"
Specular Precision	$\leq 1/25$ Wave Front RMS
Mirror Substrate	Zero Expansion Ceramic
Focal Ratio	f/8.4
Image Scale	60.1 Arc Sec/mm
Tube Diameter	19"
Tube Length	48"
Active Cooling	Magnetic Levitation Fans
Material	Wound Carbon Fiber
Focuser Tube I.D.	2.5"
Back Focus	10"
Secondary Diameter	6"
Sec. Focus Range \nearrow	5" (Electronic)
Focus Stabilization	Over 100° F Range

Ritchey-Chretien

Mounting

Instrument Cap.	240 lbs.
Tracking Precision	≤ 1 Arc Sec After Error Correction
Pointing Precision	< 30 Arc Sec RMS (After Modeling)
R.A. Drive	Al. 11.4", 576 Tooth Research Grade Gear
Dec. Drive	Al. 9.5", 375 Tooth Research Grade Gear
R.A. Bearings	8" O.D.
Dec. Bearings	8" O.D.
Worm Blocks	Spring Loaded, Near Zero Backlash, (May be released)
Pier	48" High
Weights	120 lb.

Paramount ME II