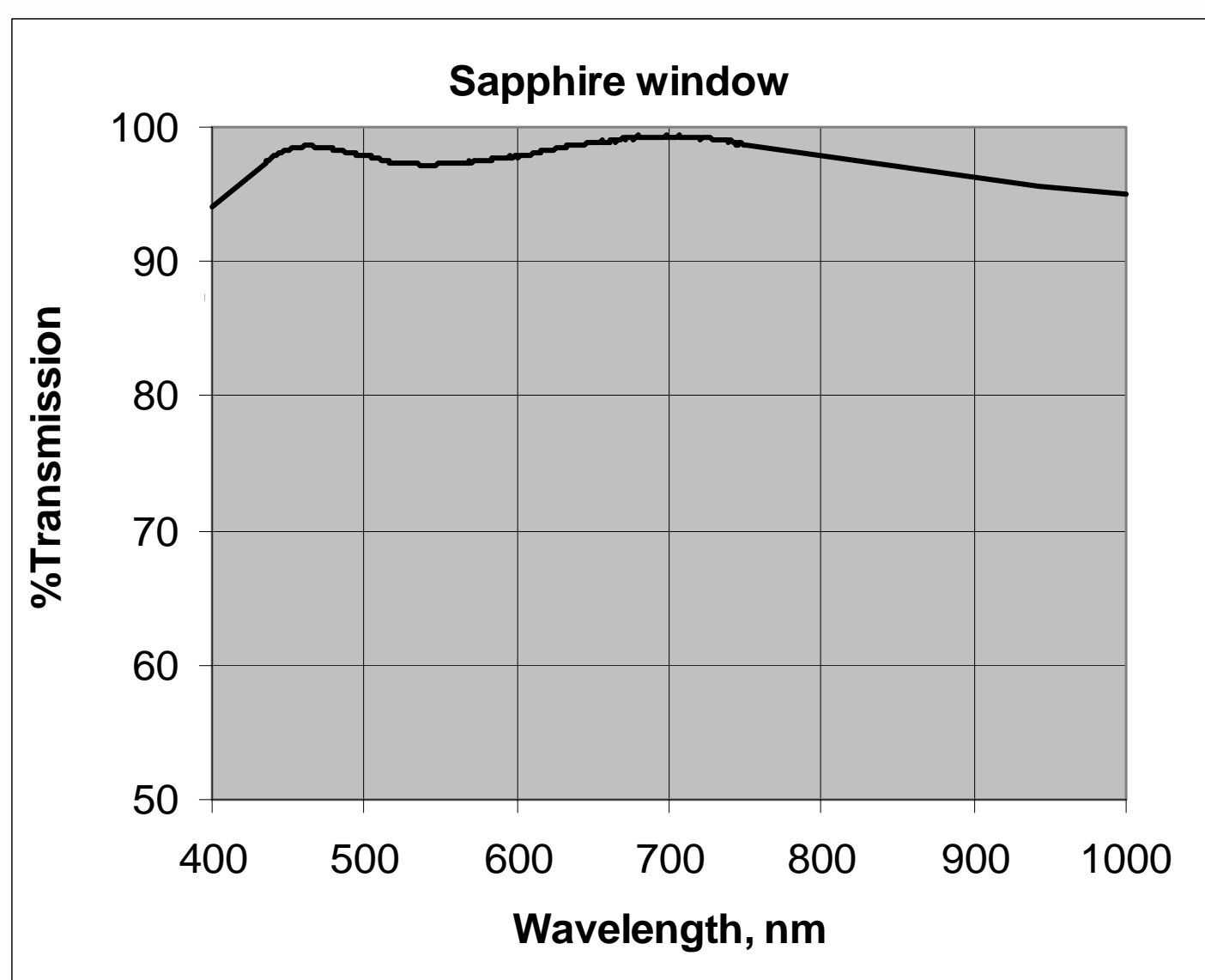


Trifid-2 camera—our affordable workhorse

- Patent pending single photon performance
- Full-image frame buffer built into the camera
- CCDSoft and MaxIm/DL drivers included
- USB 2.0 high speed interface
- Anodized aluminum and stainless construction
- Lifetime warranty against defects; Two year cold chamber warranty
- Higher performance and lower price than the competition
- Sapphire window with >94% transmission 400-1,000 nm
99% at Ha and SII; 98% at OIII



- Two stage TEC cooler
- Water removal of excess heat; Fan version coming in 2007
- 50C of cooling
- 0.1C temperature regulation
- Five vane, black, fast, shutter
- 16-bit Analog to digital converter (ADC)
- Less than 6.5 electrons of noise
KAF-6303E at -20C and gain 1.0 electrons per ADU
- Optional sapphire window
- Argon gas in the cold chamber
Twice the thermal insulation of air or nitrogen
- Price with a 6 mega-pixel, class-2 KAF-6303E: \$6,895

