

## Appendix B

# TELESCOPE INSTRUMENTATION

---

The design of the WHT allows great flexibility in instrumentation as this telescope allows fast and easy switching between the Cassegrain and Nasmyth foci. For this reason, and to take advantage of the large light collecting power of this telescope, operation and developmental efforts focus on the WHT. Also visiting instruments, i.e. instruments built and used by external groups for their own use, are welcome at the WHT and have attracted a great deal of attention. The INT is equipped with only one instrument, the Wide Field Camera. A broad functional division in instrumentation capability between the WHT and INT is as follows:

<b>William Herschel Telescope</b>	Optical pectroscopy and spectro-polarimetry over a wide range of resolving powers Imaging polarimetry IR spectroscopy Multi-object spectroscopy Areal spectroscopy Optical and infrared imaging High spatial resolution imaging Coronagraphy
<b>Isaac Newton Telescope</b>	CCD imaging

The following table summarises the common-user instruments which were available during 2004 and 2005:

Focus	Instrument	Detector	
<b>William Herschel Telescope</b>			
Cassegrain	ISIS double spectrograph	EEV and Marconi CCDs	
	Auxiliary port camera (AUX)	Tektronix CCD	
	IR imager and spectrograph (LIRIS)	Rockwell HgCdTe array	
Nasmyth	Adaptive optics instrumentation: NAOMI / INGRID / OSCA NAOMI / OASIS	Rockwell HgCdTe array MIT/LL CCD	
	Prime	Prime Focus imaging Camera (PFIP)	2 × EEV CCD
		Autofib Fibre Positioner (AF2) and WYFFOS spectrograph	2 × EEV CCD
<b>Isaac Newton Telescope</b>			
Prime	Wide Field Camera (WFC)	4 × EEV CCDs	

---