

## Appendix B

# Telescope Instrumentation

The INT and JKT are equipped with a restricted set of instruments that match the capabilities of the telescopes whilst satisfying the requirements of a large percentage of users. The number of instrument changes on these telescopes is kept to a minimum in order to reduce costs and increase reliability. The design of the WHT allows much greater flexibility, since it is straightforward to switch between the Cassegrain and the two Nasmyth focal stations, and a much greater variety of instruments may be left on the telescope. A broad functional division between the WHT, INT and JKT is as follows:

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<b>WHT</b>	Spectroscopy and spectropolarimetry over a wide range of resolving powers
	Multi-object spectroscopy
	Areal spectroscopy
	CCD imaging
	Infrared imaging
	High-resolution imaging and other projects in a laboratory environment
	Fabry-Perot imaging spectroscopy

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<b>INT</b>	Intermediate- and low-dispersion spectroscopy
	CCD imaging

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<b>JKT</b>	CCD imaging
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The following table summarises the common-user instruments which were available during 1999.

**Focus****Instrument****Detector****William Herschel Telescope***Cassegrain*

ISIS double spectrograph

Tektronix and EEV CCDs

TAURUS Fabry-Perot imager

Tektronix and EEV CCDs

Low Dispersion Survey Spectrograph (LDSS-2)

SITe CCD

CCD imager (Acquisition and Guidance Unit Auxiliary Port)

Tektronix CCD

TAURUS CCD imager (f/2 or f/4)

Tektronix and EEV CCDs

*Nasmyth*

Ground Based High Resolution Imaging Laboratory (GHRIL)

Tektronix and EEV CCDs

Utrecht Echelle Spectrograph (UES)

SITe CCD

INTEGRAL

Tektronix CCD (WYFFOS at GHRIL)

*Prime*

Prime Focus Camera

Tektronix and EEV CCDs

Autofib Fibre Positioner (AUTOFIB-2)

Tektronix CCD (WYFFOS at GHRIL)

**Isaac Newton Telescope***Cassegrain*

Intermediate Dispersion Spectrograph (IDS)

Tektronix and EEV CCDs

Faint Object Spectrograph (FOS-1)

Loral CCD

*Prime*

Wide Field Camera

4 × EEV CCDs

**Jacobus Kapteyn Telescope***Cassegrain*

CCD camera

Tektronix and SITe CCDs