

Pick-off Mirror

<i>Position</i>	<i>Name</i>	<i>Description</i>
1	Out	Mirror out
2	In	Mirror in

Calibration Unit

<i>Position</i>	<i>Name</i>	<i>Description</i>
1	QTH lamp	0.8-2.5 μ m flat field lamp (10W)
2	Incand. lamp	0.8-2.5 μ m flat field lamp (0.1W)
3	IR source	2-5 μ m flat field lamp
4	Argon lamp	wavelength calibration

Dichroic Turret

<i>Position</i>	<i>Name</i>	<i>Reflect</i>	<i>Transmit</i>
1	Open	none	all
2	0.8 μ m	0.42-0.80 μ m	0.80-6 μ m
3	0.9 μ m	0.47-0.92 μ m	0.92-6 μ m
4	tbd		

Order Sorter /Fore-optics Filter Wheel

This wheel contains blocking filters and order sorters for the spectrograph, and optional filters for the slit-viewer.

<i>Position</i>	<i>Name</i>	<i>Description</i>
1	Open	open
2	Blocker 1	block $\lambda > 2.5\mu$ m
3	Blocker 2	tbd
4	Long 4	4.40-6.00 μ m
5	Long 5	tbd
6	Long 6	tbd
7	Short 3	1.92-2.52 μ m
8	Short 4	1.47-1.80 μ m
9	Short 5	1.17-1.37 μ m
10	Short 6	1.03-1.17 μ m
11	Short 7	0.91-1.00 μ m
12	tbd	tbd
13	CH4_s	1.58 μ m 1.5%
14	CH4_l	1.69 μ m 1.5%
15	Blank	close

SLIT WHEEL

All 11 slit-mirrors reflect a 60x60arcsec field into the slit-viewer

<i>Position</i>	<i>Slit</i>
1	0.3x15arcsec
2	0.5x15arcsec
3	0.8x15arcsec
4	1.6x15arcsec
5	3.0x15arcsec
6	0.3x60arcsec
7	0.5x60arcsec
8	0.8x60arcsec
9	1.6x60arcsec
10	3.0x60arcsec
11	optimized mirror

Slit-viewer Filter Wheel

This wheel contains imaging and guiding filters for the slit-viewer. Additional filters for imaging with the slit-viewer are contained in the Fore-optics Filter Wheel.

<i>Position</i>	<i>Name</i>	<i>Description</i>
1	Open	open
2	Z	0.95-1.11 μ m
3	J	1.164-1.326 μ m
4	H	1.487-1.783 μ m
5	K	2.027-2.363 μ m
6	L'	3.424-4.124 μ m
7	M'	4.562-4.803 μ m
8	H-cont	1.57 μ m 1.5%
9	[Fe II]	1.644 μ m 1.5%
10	H ₂ v=1-0 S(1)	2.122 μ m 1.5%
11	Br γ	2.166 μ m 1.5%
12	K-cont	2.26 μ m 1.5%
13	CO (2-0 bh)	2.294 μ m 1.5%
14	H+K	notch
15	Blank	close

Grating Turret

<i>Position</i>	<i>Name</i>	<i>Description</i>
1	0.8-2.5µm XD	53.9 l/mm grating + ZnSe/Fused Silica prism
2	2.0-5.5µm XD	22.0 l/mm grating + Ge/LiF prism
3	0.8-2.5µm single-order	53.9 l/mm grating (long-slit)
4	2.0-5.5µm single-order	22.0 l/mm grating (long-slit)
5	0.8-2.5µm low-res	mirror + Fused Silica prism (long-slit)