|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Category** | **model** | **vendor** | **bought date** | **features** | **price** | **note** |
| Power meter | Labmax-Top | Coherent |  |  |  |  |
| MCT Detector | J15D12-M204-S01M-60 | Judson Technologies | 2007-11-14 | 2-12um |  |  |
| InSb Detector | J10D12-M204-R500U-60 | Judson Technologies | 2011-10-3 | <5.4um |  |  |
| MCT Detector | TRS 20MHz | Thermo Scientific |  | cutoff at 12 um |  |  |
| MCT/A | Thermo Scientific | 2014-4-1 | cutoff at 16 um |  |  |
| J15D14-M204-S01M-60 | Judson Technologies | quote | 14 um | 3500 | Shi’s group |
| J15D16-M204-S01M-60 | Judson Technologies | quote | 16 um | 3783 |  |
| Spectrometer | Nicolet8700 | Thermo Scientific |  |  |  |  |
| Oscilloscope | TDS3054C | Tektronix |  | 50 ohm or 2 M |  |  |
| TDS 2022C | Tektronix | 2012 | impedance= 100 M |  |  |
| Current source | LDC 3744B | ILX lightwave |  | 4 A, cw | 3.7 k | discontinue 2009 March |
| LDP 3840B | ILX lightwave |  | 3A,10V, dc<=10%  0.1us~ 10ms | 4.9 k |  |
| LDP 3811 | ILX lightwave |  | 0.5 A,25V,pulse/cw  0.1us~ 10ms | 5.8 k |  |
| AdTech |  | 2012 | 10A, 60V, dc<=0.5%  0.1us~ 1us |  |  |
| Temp controller | 331 | lakeshore | 2011 |  |  |  |
| 335 | lakeshore | 2007 | Si diode, DT 670 |  |  |
| Cryostat |  | Cryo Industries |  |  |  |  |
| Amplifier | SR570 | Stanford Research System |  |  |  |  |
| Lock in Amplifier | SR830 | Stanford Research System |  |  |  |  |
| 7265 | Signal recovery/AMETEK | 2012-7 | fast R output |  | Attn: Lihua |
| Smart Table |  | NewPort |  |  |  |  |
| Polarizer | WP50H-Z - ZnSe Holographic Wire Grid, Ø50 mm | Thorlab |  |  | 1.6 k | Attn: Bobby |
| WP50H-K- KRS-t Holographic Wire Grid, Ø50 mm | Thorlab | 2013-6 |  | 1.8 k | Attn: Yuchao |
| Multimeter | Keithley 2100 |  |  |  | 0.9 k |  |

## 3840B

<http://www.newport.com/LDP-3840B-Pulsed-Laser-Diode-Driver/1014466/1033/info.aspx#tab_Specifications>

# WP50H-Z - ZnSe Holographic Wire Grid Polarizer, Ø50 mm

<http://www.thorlabs.us/thorproduct.cfm?partnumber=WP50H-Z>