



Dimension-P1 Raman Spectrographs

Dimension-P1 HR 40, 125(200,250)-2000 cm^{-1} , 1.5 cm^{-1} /pixel) (785nm)

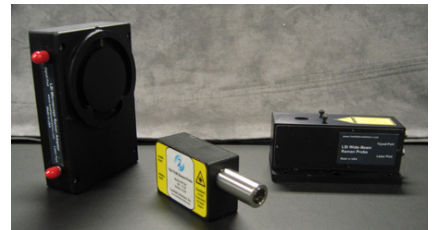
Dimension-P1 SR 40, 125 (200,250)-3100 cm^{-1} , 2.5 cm^{-1} /pixel)

Lasers

LSI DL-785, 830, Temperature stabilized diode lasers up to 350mW output, 0.18nm linewidth

LSI-SM-532, TE stabilized 532nm Single mode laser
15-67 mW outputs available, $<10^{-5}$ nm linewidth

LSI—He-633, Helium laser, 10-30mW available,
0.002nm linewidth



From left to right:
LSI DM-1(2), LSI RVP & LSI WBP

CCD's

Princeton Instruments, PIXIS Model CCD

100F-100x1340, front illuminated

100BR-100x1340 back illuminated, deep depleted

100B-100x1340 back illuminated

Fiber Probe Systems

LSI RVP (785,633,532)

200 μ spot

LSI WBP(785,633,532)

3mm spot

LSI-DM-1 (785,633,532)

for Micro Raman

LSI-DM-2 (785,633,532)

for Confocal Micro Raman

Standard Configuration:

LSI-DP-1-785-SR or HR

with LSI-DL-785, 100F PIXIS, LSI-RVP-785