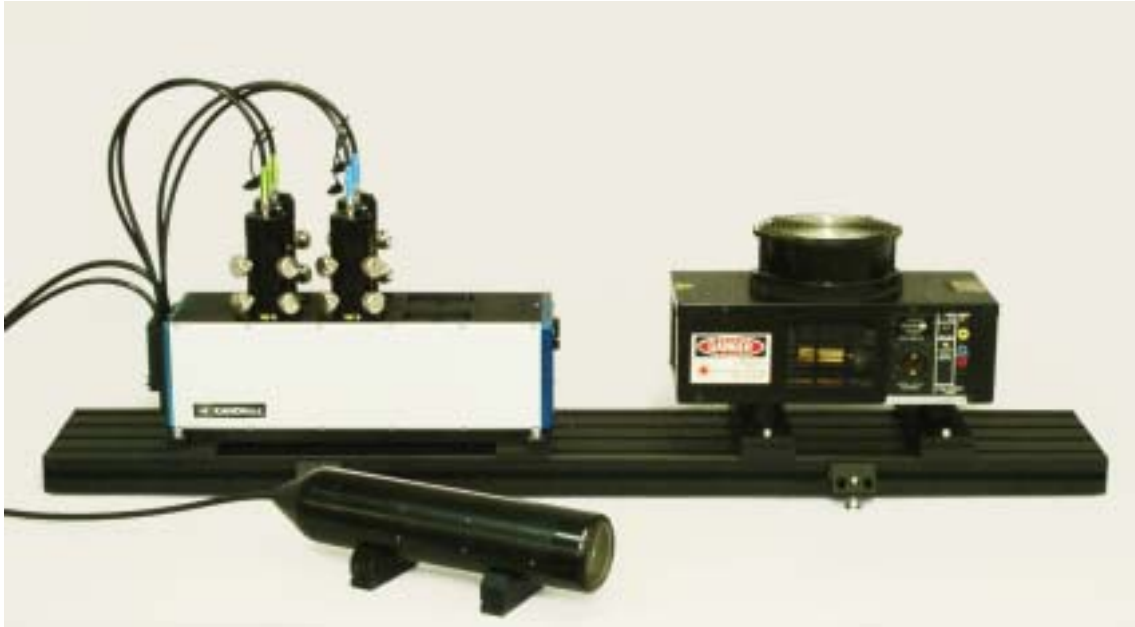




KANOMAX
The Ultimate Measurements

Laser Doppler Velocimetry

Fiber Optic Laser Doppler Velocimeter



[Features]

Easy operating, compact 2D-FLV

Reasonable price

Board type signal processor

Real time monitor

(Burst signal, FFT processing, velocity histogram)

Kanomax successfully commercialized the first LDV in Japan around 1970. Since then, we have been a leading producer of LDVs for decades. For LDVs, Kanomax currently focused on providing dependable LDVs at the reasonable cost and comprehensive system and application consultation by our highly experienced engineers. Presently, we provide 1-D, 2-D and simple educational version of LDVs. Please feel free to contact one of our sales engineers for the details.

All the information, data and specification shown subject to change without notice.



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[System configuration]

2D-FLV optics : Model 8837
 FLV probe : Model 1895F (or1894F, 1891F)
 Processor board : Model 8008 (2)
 Laser : Ar-ion Laser
 (Water-cooled or Air-cooled)
 Optical base : 120x1000mm(for Air-cooled Ar)
 Computer : Windows PC
 with 2 PCI full slots



[2D-FLV optics]

Velocity component : 2
 Frequency shifter : Bragg cell
 Shift frequency : 10KHz ~ 5MHz (1 -2-5 step)
 Photoelectric device : Photo multiplier
 Coupler connector : FC

[FLV probe]



[Model 1891F]

Focusing length : 30mm
 Beam span : 5mm
 Measuring volume : 0.1mm × 0.8mm
 Fiber connector : FC
 Size : 17mm × 150mm(L)



[Model 1894F]

Focusing length : 120mm
 Beam span : 30mm
 Measuring volume : 0.1mm × 0.6mm
 Fiber connector : FC
 Size : 45mm × 200mm(L)



[Model 1895F]

Focusing length : 300mm
 Beam span : 62mm
 Measuring volume : 0.1mm × 0.9mm
 Fiber connector : FC
 Size : 90mm × 350mm(L)

[Signal processor board]



[Model 8008]

Processing method : FFT
 Burst detection : Burst-center trigger
 FFT sampling points : 512, 256, 128
 Validation : based on SNR of input signal
 Frequency band width : 1k ~ 40MHz
 Input signal : Doppler signal 2mV ~ 2V
 Computer : Windows computer with PCI full slot