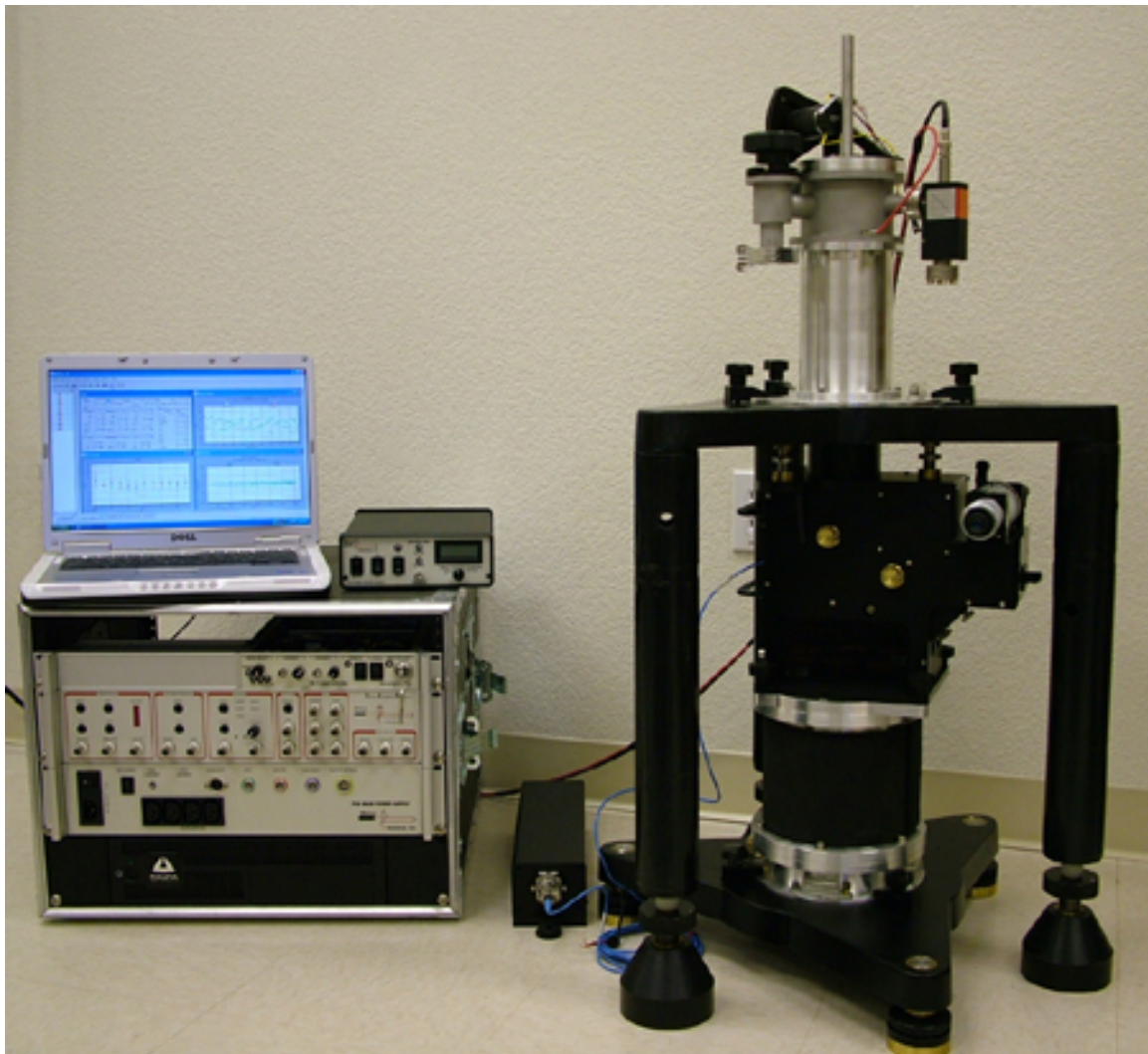


## FG5-L Absolute Gravimeter





## **FG5L Features and Specifications**

### **Instrument Features**

- Long-period seismometer ("Superspring") corrected gravity
- Lower price
- Fully automatic operation
- Real-time gravity reduction software
- Upgrade path to the FG5 available
- 10  $\mu$ Gal accuracy.

### **Instrument Specifications**

- Accuracy: 10  $\mu$ Gal (Absolute)
- Repeatability: 10  $\mu$ Gal
- Power: 100-240 VAC (<200W)

### **FG5-L Subcomponents**

- Evacuated dropping canister
- Internal drag free chamber
- Balanced test mass
- Rigid Tripod system
- Optical Interferometer
- Long Period Seismometer for ground motion isolation
- Optical fiber input
- High speed photodetector
- ML-1 polarization stabilized laser
- Electronics package
- System controller
- Real-time gravity reduction software