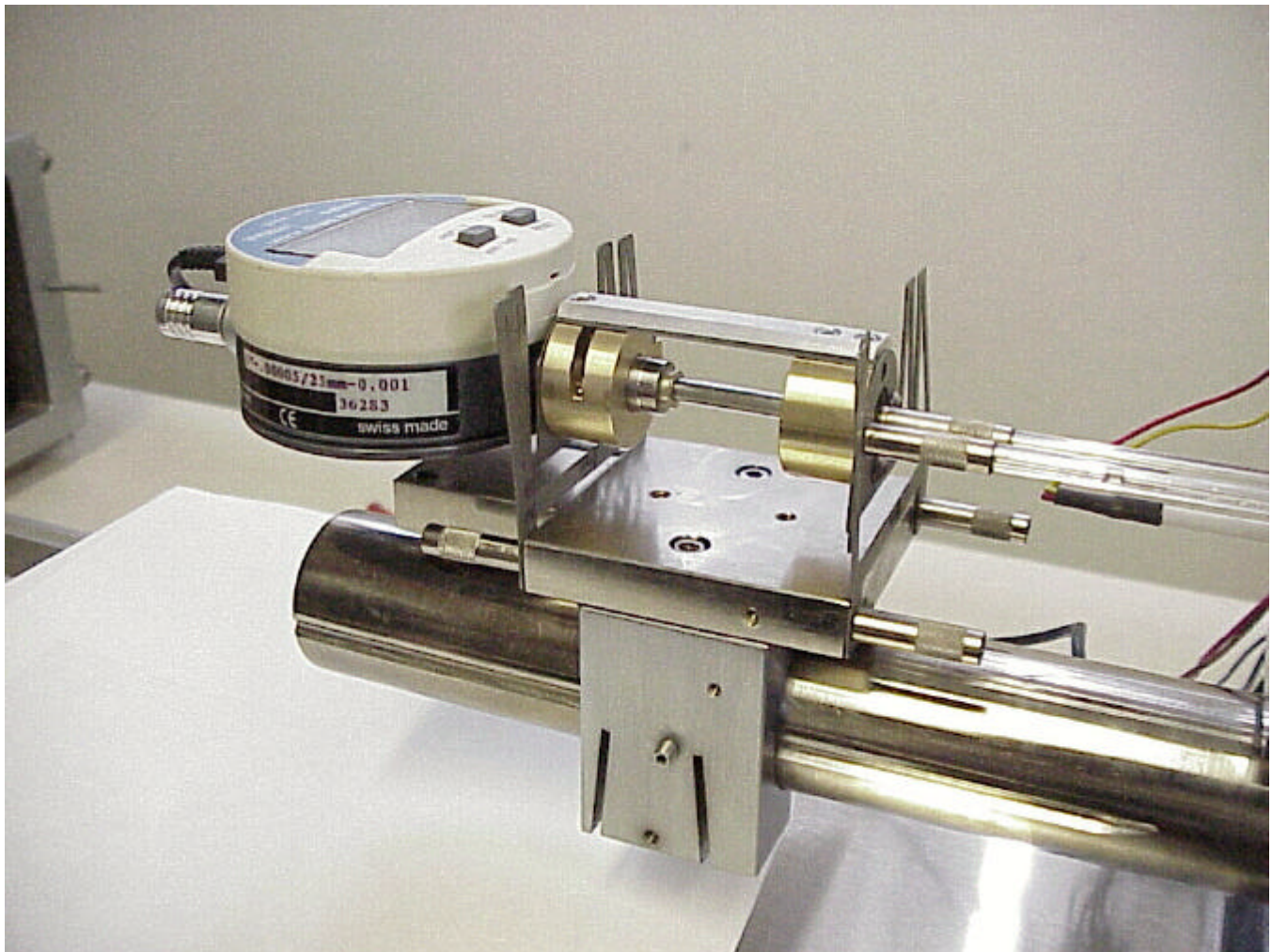


Differential Electronic Gage

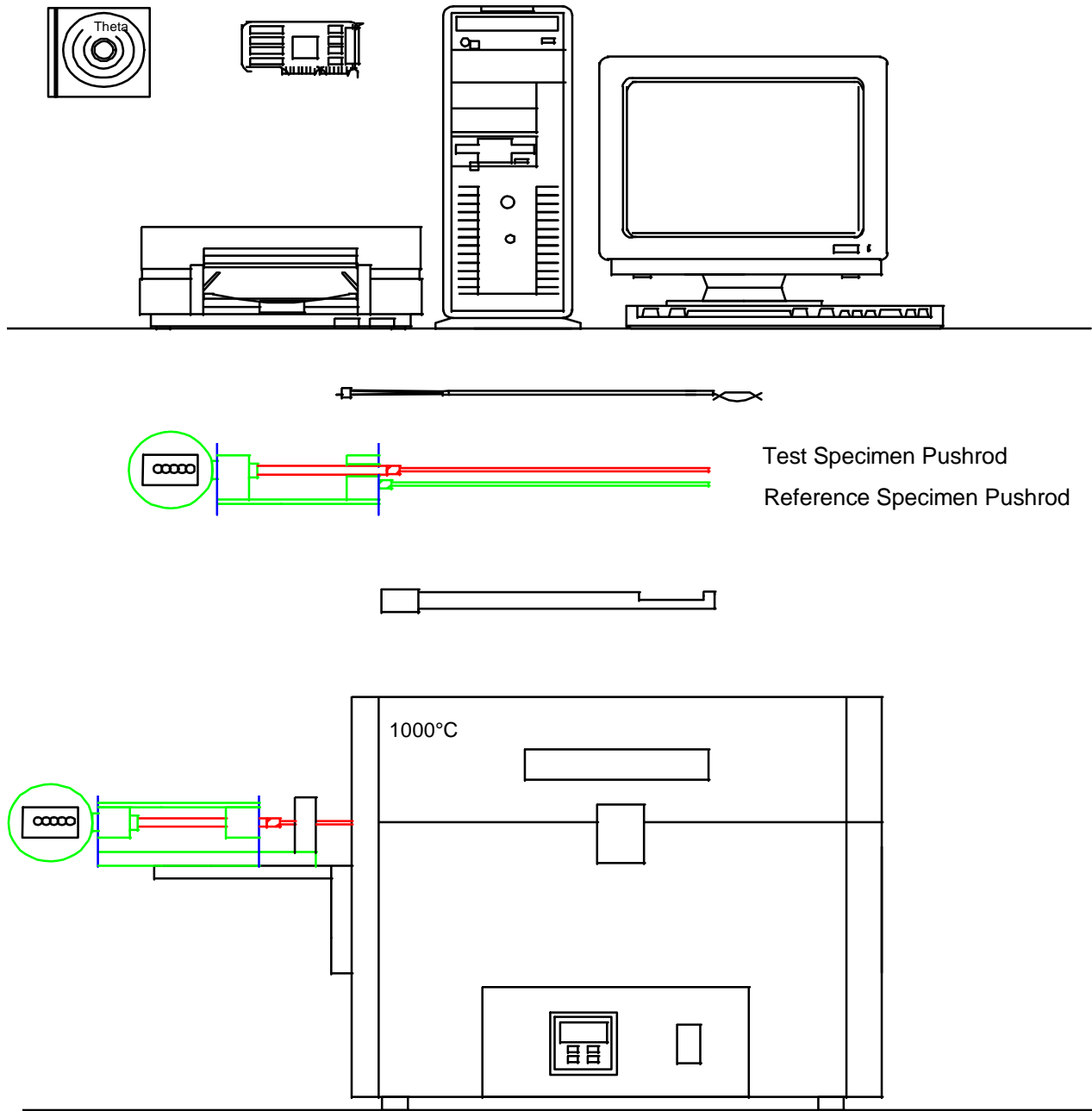
Dilatometer Measuring Head with Differential Electronic Gage: It follows the patented Theta differential frictionless sensor concept. That means that the body of the gage with one pushrod is frictionless supported on our conventional cantilever springs. The other push rod is mounted on the plunger of the electronic gauge. Horizontal or vertical readout are equally feasible.



Differential Sensor mounted on Dilatronic Head Post

Can be used for manual readout or through a RS232 port for computer data collection. Theta Dilasoft Software accepts hook-up readily. See software demo on our website

Dilatometer with Differential Electronic Gage
Model Dilamatic



Test Specimen Pushrod
Reference Specimen Pushrod

Specification

Method	Measuring Range	Practical Application, advantage
Electronic gage with RS232 No calibration required	Test Specimen position From = 25 to 75mm (1 to 3") Reference Material position $\pm 2.5\text{mm}$ (1/10")	Readily interchangeable against single rod electronic gage sensor. A second pushrod and standard reference material is required. Accuracy of measurement is greatly improved