

XSTRESS 3000 Accessories – X-ray elastic constant determination system

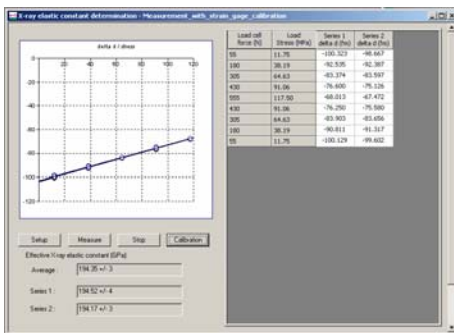
X-RAY ELASTIC CONSTANT DETERMINATION SYSTEM



X-ray elastic constant determination system.



Elastic constant device.



X-ray elastic constant determination window.

The Effective X-ray Elastic Constant E_{Eff} is needed for calculating the macroscopic stresses from lattice strains. This constant can now be experimentally determined with XSTRESS 3000 X-ray elastic constant determination system.

The X-ray Elastic Constant determination system is designed to work with the XSTRESS 3000. It includes the following components: Elastic constant device, Strain amplifier BC-500C and manual control box. Functions of the system are integrated in the X3000 software.