

Hardness Test Machine Force Measurement

Customer:

Materials testing machine manufacturer

Loadcell:

F252-Z3190 2kN

Generic Type:

Pancake loadcell

Special Features:

Replacement of an obsolete loadcell

Specified mechanical stiffness

This is a like for like replacement of a competitor's now obsolete loadcell. The loadcell was part of a closed loop control system employed within an indentation type hardness testing machine. The indentation depth/force control system required a known flexural stiffness tolerance for the loadcell. This was achieved by the modification of the standard F252 loadcell design to meet customer specifications.

