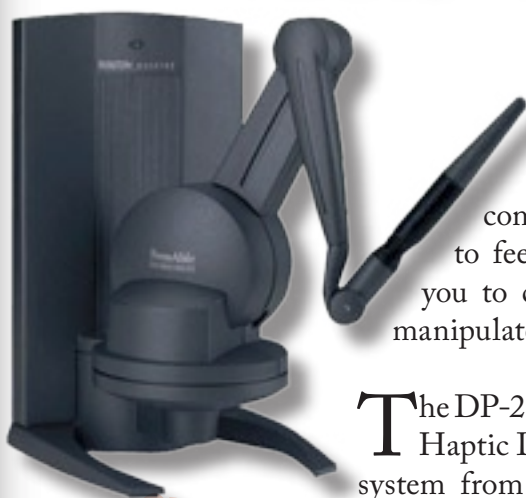


NANOMANIPULATOR SYSTEM



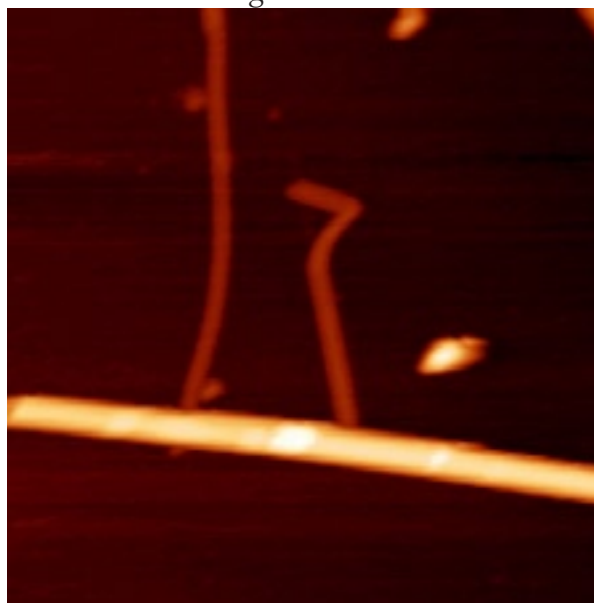
PHANTOM® Device

Have you ever felt a nanotube or a DNA strand with your fingers? The Nanomanipulator system from 3rdTech™ combined with your Dulcinea-based SPM system will allow you to feel these forces. The integrated force feedback system allows you to control the tip of the microscope directly with your hand, manipulate objects and record the forces acting on the tip.

The DP-200 system from 3rdTech™ utilizes the PHANTOM® Desktop Haptic Device from SensAble Technologies and the Cervantes® SPM system from Nanotec®. For more information concerning this system please select any link below or contact your Nanotec® Distributor:

PDF FILES FOR DOWNLOAD**:
NANOMANIPULATOR SYSTEM DATA SHEET (308KB)
NANOMANIPULATOR DP-200 OVERVIEW (156KB)
NANOMANIPULATOR PUBLICATION LIST (22KB)

Click on image to view animation.



The first successful combination of these two systems occurred in April 2003. This animation is a demonstration of that successful manipulation, consisting in the deformation of carbon nanotubes on mica. For the most up-to-date information concerning this system please contact your Nanotec® Distributor.

Specifications provided by 3rdTech* and subject to change without notice