



Kuwait University
Nanotechnology Research Facility
Nanomechanical Test Instrument
Request Form
Project No. GE01/07



(Please fill all required information. The request form must be typed and not hand written)

Name of Investigator:

Institution:

Faculty/Dept.:

Contact: Office

Mobile

Email

Sample Identification:

No. of Samples:

Project No.:

Title of Project:

Name of Technician (Student):

Type of Project: Funded Pilot study Student: Bachelor Master PhD

I agree to acknowledge the General Facility Project No. GE01/07 in any publication utilizing the results obtained through the Kuwait University Nanotechnology Research Facility.

Note: Number of samples should not exceed 30 per year for a given project.

Signature of Investigator **Date**

Type of sample:

Mode of test: Indentation Scratch

Control feedback: Load control Displacement control Open loop

Peak Force: (for load control & open loop tests) μN (max of 10 mN)

Peak Displacement: (for displacement control tests) nm

Required Measurements: Hardness Modulus Stiffness
 Contact depth Others (Specify)

Sample Details: **(1) Geometry:** Flat Circular
(2) Size (mm): Length: Width: Thickness:

Note: a) The sample must be well polished and optically flat
b) Maximum dimensions of sample: 30mm (length) x 30mm (width) x 20 mm (thickness)

Please specify whether sample preparation is required for testing: YES NO

Comments:

For Lab Use Only

Name & Signature of Operator: **Date:**

Signature of Director: **Date:**