

Overview

Applied Nanometrix, LLC, offers a quarterly verification service to ensure that your nanoindenter is always ready for testing. In most cases, verification is done remotely with minimal disruption to regular operations.

Quarterly verification includes these assessments and calibrations:

- Test motion
- Positioning calibration
- Indirect verification on a reference material (fused silica)
- Area-function calibration
- Frame-stiffness calibration
- One hour of consulting

Upon completion of the verification process, we provide a detailed report which can be archived with ANM if desired. If the verification process reveals a problem, ANM can assist with securing support from the instrument manufacturer.

Cost and benefit

Quotes are available on request, but annual contracts are typically about 4% of the original cost of the instrument. Services are invoiced only as they are rendered.

Purchasing a nanoindenter is a big investment. Quarterly verification ensures that you can depend on the measurements you make with it. Having a ready source for expert advice means that your operators are always well trained and confident.

What's needed?

For most customers, no special preparation is needed. To be ready for verification, the nanoindenter must have:

- A Berkovich indenter installed, with its calibration certificate available
- Fused silica in the sample tray
- Soft metal in the sample tray
- Internet access through TeamViewer, or the personal assistance of a local operator

Expert support

In addition to quarterly verification, additional support hours can be added to the annual contract which can be used for:

- New operator training
- Advice on testing procedure
- Interpretation of results

Getting started

To get a quote for an annual verification contract, contact:

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