



....a passion for precision

Automatic & Semi-automatic Thread Verification Solutions



“I just want to avoid spinning thread gauges all day”

As leaders in thread gauging technology, we hear this sentiment from many manufacturing professionals who machine large quantities of threaded parts. Their customers require them to verify the threads in every part. Unfortunately, when operators are manually spinning thread gauges into parts for high-volume production, there is increased risk of operator error and repetitive motion injury. Automatic and semi-automatic thread gauging methods reduce or eliminate the burdens and risks of manual gauging.

At Baker Gauges, we are introducing thread verification solutions using New Vista Corporation’s (USA) innovative technology.”



Includes:

- Hand-Held Thread Verification Units
- Application Oriented Thread Verification & Sorting Machines
- Thread Verification Units for System Integration & Automation

Benefits:

- Quick thread verification using a motorized power unit consists a low-inertia torque-limiting mechanism.
- Work with both internal and external threaded features.
- Thread depth verification is also possible.
- Interchangeability of thread members with suitable quick change chucks.
- Allows measurement cycle time in seconds.
- Electric and air powered versions of hand held thread verification units are available.
- Integration of thread verification units with auto-gauging systems or robotic automation cell.
- Thread verification & sorting of small threaded components.
- Compliance for out-of-position or angularly-dislocated threads.
- The low-inertia torque limiter permits the thread gauge member to stall harmlessly when encountering wrong size, wrong-pitch, short, incomplete, damaged or missing threads.
- More than 35 different models of New Vista Thread-Verification Units are available
- Robust design and build quality



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