WILLRICH PRECISION INSTRUMENT
THINK MEASUREMENT... THINK WILLRICH
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# NEW VISTA RT HAND-HELD THREAD UNITS

## — FOR OFFHAND THREAD VERIFICATION AND THREAD REMEDIATION —

**■ Battery-powered. ■ Versatile. ■ Accepts all the new-style compliant toolholders.**
**■ This is New Vista's fastest and most powerful hand gun!**
**■ Spinning ring of green lights indicates that depth has been achieved.**
**■ With convenient rocker trigger.**






**FEATURES:**

- Battery-powered verification (or remediation) of threaded features.
- Will handle internal and external threads.
- Versatile. Powerful. Portable. Two-speed gear drive. Can be used anywhere.
- Will process most threads in less than 3 seconds.
- Sensitive patented Torque Unit allows the thread tool to stop harmlessly in case of hopelessly obstructed threads.
- Fast-change snap-in Type FP Tool Adapters enable tool changes in 3 seconds.
- Tool Adapters will accommodate all the popular tool shanks: taper, straight, Type BH and full-threaded (reversible).
- Compliance feature ensures that the tool will enter the thread without jamming, sticking, or gouging. The tool will follow the existing thread, not fight it.
- Breakaway feature ensures that excessive misalignment won't result in tool breakage.
- Forward (driving-in) torque settings are made with an external knob. Torque in reverse is always at maximum power.
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**Car Frame Application:**

This RT gun is provided with tooling for the car frame member shown in the background: three thread sizes, M6, M10 and M12, thirteen holes altogether.




- It takes 46 – 48 seconds to verify all thirteen of the threads that are used by the assembly plant — averaging 3 seconds per hole and 3 seconds for each of the two tool changes that are required.

- There are five sets of tools shown in the photo; three are for thread verification and the other two are for resizing (retapping), in the event that weld spatter or distortion are encountered.

- All three thread sizes are verified here with a single, moderate, torque setting; but retapping requires a much higher torque setting. The whole range can be accommodated with the single RT shown, and resetting is by the numbers; but if large changes in torque are very frequently to be encountered — and if much resetting is to be required — it sometimes pays to utilize two RT guns: one set at the (moderate) verification-level of torque; and the other set at the (higher) retapping-level of torque.

**APPLICATIONS ASSISTANCE:**

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