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THINK MEASUREMENT... THINK WILLRICH
Ph 866-945-5742 email:sales@willrich.com

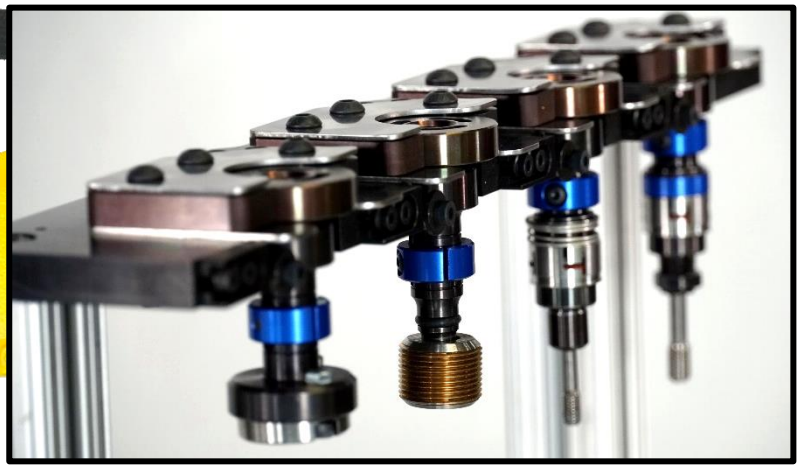
NEW VISTA RTU ROBOTIC GAGING AND REMEDIATION UNITS

— and Tool Docking Systems —
— For Thread Gaging, Thread Remediation and Plain Hole Gaging —

USED IN ROBOTIC APPLICATIONS EVERYWHERE



This standard-issue, servo-driven RTU is equipped with the Type L Auto-change Chuck, for use in conjunction with the New Vista Type L and Type J Tool Docking Systems.



A New Vista Type L Auto-change Tool Docking System shown, with tools for gaging internal and external threads. No air is required for tool changing.

— WITH PROGRAMMABLE TORQUE CONTROL —

See Video VRTU2: https://www.newvistacorp.com/videos/vrtu2/

NEW VISTA RTU UNITS FOR THREAD GAGING AND THREAD REMEDIATION:

- Quickly and automatically verifies or remediates threaded holes (or external threads) by powering a suitable tool into (or onto) and back out of (or off of) the part. Every RTU is capable of “GO” gaging, “NO GO” gaging, combination gaging, thread remediations and plain hole gaging.
- Sensitive high speed drive allows the tool to stop in case of missing, short, obstructed or improperly formed threads. No damage occurs to the threads or the tools, and the tools won’t jam or stick in the threads.
- Spring-biased spindle nose prevents damage to end of thread at start of engagement.
- Will verify blind holes (or male threads) accurately for thread depth (length). Will work in any orientation.
- Will not crossthread.
- Does not subject the part (or the spindle) to high force or torque levels.
- A single RTU Unit will work with a variety of thread sizes and thread pitches. No leadscrew is employed.
- Proven out with a robot for your application, on your parts, before shipping.
- Shipped tooled and programmed for your application, with complete integration instructions.

SPECIFICATIONS AND ACCESSORIES FOR NEW VISTA RTU UNITS:

- You can accommodate nearly any thread size between M1 and M75 with any new standard-issue RTU. Different models for different thread sizes (or different pitches) are not usually necessary. Any RTU can now be used to gage or remediate nearly any thread.
- With the new tooling for RTUs, torques and rpms are selectable right off the Touchscreen HMI.
- Specialty tool shanks are no longer a necessity. New tooling options for the new RTUs accommodate straight shank, taper shank, all-threaded reversible or Type BH tools.
- The weight of an RTU with a set of tooling is about 2.5 kg (5.5 lbs.)
- Parts are available for immediate shipment worldwide for all standard-issue RTUs.

Type L Tool Docks can be employed in any orientation.





This is what is included in a typical RTU shipment to a New Vista customer. The controls componentry you see here is also available cabinet-mounted, with everything wired in.





Here's a variety of Auto-change and snap-in RTU tooling, for both internal and external threads.



New Vista keeps End Adapters and Side Adapters in stock, for mounting on most of the popular robots.



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