VALUE
TOOL & ENGINEERING

Precision Engineering, Tooling and Electronics for Aerospace and Aviation

Since our start in 1997, Value Tool and Engineering has recognized the changing needs of our evolving base of customers. Expanding beyond tool and die making, we added production machining capabilities that allowed us to design and build aircraft ground support test equipment and related tools, as well as manufacture the precision parts ourselves. Knowing the growing importance of electronics in aerospace and aviation applications, VTE further diversified by creating an electronics division. This comprehensive approach over three decades – **encompassing design, manufacturing, and electronic integration** – has solidified us as a 'one-stop shop' to fulfill your needs.

CUSTOM TOOLING

With our vast experience, VTE will meet your tooling expectations when it comes to quality and on-time delivery. We can machine parts from castings, forgings or raw materials – and we'll work with all types of materials from plastics to aluminum, 1018 to 9310 steels, 300 series Stainless Steel to 17-4PH, Inconel to Haynes 188 and Waspoloy, and almost any high-temperature alloy, plating and coating, as well as other outside processes done by NADCAP-approved suppliers.

4/5 Axis CNC Mills // CNC & Manual Lathes // Wire Cutting EDM // Mechanical Puller & Jig // Ground Support Equipment

COMPONENT PRODUCTION

VTE has been a driving force in aerospace and aviation component production excellence. Our unwavering commitment to precision manufacturing, cutting-edge innovation, and superior quality fuels our mission – crafting components that propel the future of flight in commercial, charter and military aircraft applications. From the lightest and strongest materials to the most intricate designs, we push the boundaries of what is possible. Every part we create, from the smallest fuel control bleeds to full throttle body chassis, is a testament to our relentless pursuit of progress – empowering you to meet demand at a value-driven cost.

ELECTRONICS

Our electronics division has thrived thanks to our deep expertise in aircraft ground support legacy equipment. We prioritize quality and provide exceptional value-added support, tailoring our services to your

specific needs. As the **only** certified and authorized Honeywell Ground Support Equipment (GSS) calibration and repair services facility in the industry, VTE can be your single source for all your aerospace and aviation electronics requirements.

- Current and legacy equipment updates, repairs, and calibrations
- Continued sourcing or manufacturing of obsolete but essential components
- Solutions from components, like thermocouples, to complex universal product testers like AGT1500 harness testers and F-15 APU test stands

Precision Temperature Measurement Solutions: Thermocouples, Resistance Temperature Detectors & Temperature Probes

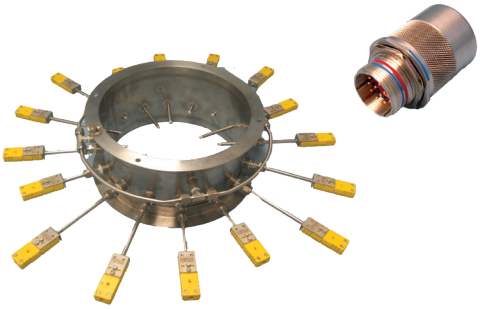
- Custom-engineered thermocouples and RTDs meet exact application requirements
- Precision calibration for confidence, compliance, and documented accuracy
- Fast turnaround times and responsive engineering support
- Reliable temperature measurements that help prevent costly failures and downtime

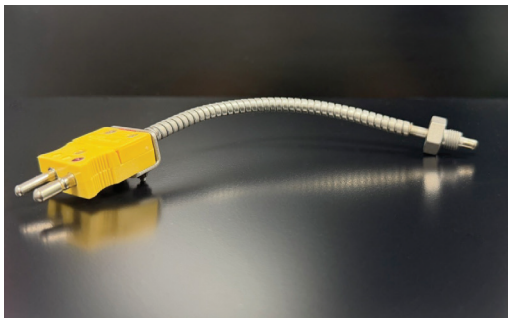
Universal Product Tester (UPT) Solutions: Protecting Mission Success, Ensuring Safety & Maintaining Compliance

- Comprehensive testing versatility for resolvers, AFCs, LVDTs, EHSVs, solenoids, switches, diodes, and wiring harness assemblies
- Modular, upgradeable architecture and aerospace-grade precision for advanced commercial and defense systems
- NEMA-4 purge air enclosure for harsh environments
- Automatic self-diagnostics and factory certification support
- Reduced testing cycles, improved accuracy, and complete audit trails

COTS

Don't need a custom-made solution? We know that sometimes a standard, readily available option can be the perfect fit for your project, so we offer a comprehensive selection of commercially available, off-the-shelf (COTS) parts.





ITAR

ISO 9001:2015 Certified Quality Management

MADE IN USA

Our team is ready to get to work. Let's talk.

Value Tool & Engineering
574.246.1913 // valuetooleng.com

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