

# TDAQ (TTOC DATA ACQUISITION)



## About the TDAQ

**SMALL SIZE** makes it possible to position TDAQ close to sensors. The resulting decrease in cabling and electrical interference equates to higher resolution and better repeatability.

**SINGLE PC CONNECTION** sends digital data to the TTOC machine controller via a single 100-Mbit ethernet channel. This simplifies TTOC's hardware footprint, which translates to even more cost savings.

**MODULAR DESIGN** provides measurement capability adequate for any standard TUO. For TUOs with grinders, easily add a second TDAQ to the system with no loss of performance.

**HIGH SPEED** enables data sampling at 16,000 times per second, making it the perfect drop-in replacement for high-speed testing as well as standard TUOs.

## TECHNICAL SPECIFICATIONS

- 8** Low-resolution (10-bit) Analog Inputs, 0V to +24V
- 7** High-resolution (24-bit) Analog Inputs, -10V to +10V
- 4** Analog Outputs (16-bit), -10V to +10V
- 5** Digital Inputs, +3V to +24V
- 5** Digital Outputs (externally powered)
- 1** Spindle position reading (8000 counts per revolution)
- 1** High-speed loadwheel rotation counter



Looking to upgrade your data acquisition software? TDAQ not only gives you a better product with better options, but it also reduces your equipment. This means easier set-up and easier maintenance.

## Learn More Today

Learn more today by contacting a qualified representative of CTI, a Poling Group company.

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