The FACTS Commander is a complete control system for single extruder applications. The Commander brings to you the expertise gained from more than 25 years of supplying a wide range of extrusion control systems.

- Modernize your extruder controls
- Replace discrete controllers, buttons, & knobs
- Produce consistency and repeatability

## Functionality

### Temperature Control:
- 8 Barrel Zones – Heat/cool
- 8 Tooling & Die Zones - Heat Only
- Cold Start Protection
- Automatic Blocking Contactor Control
- Automatic Water Pump Contactor Control

### Speed Control:
- Extruder RPM
- Secondary Drive
- Line Speed Echo Output
- Automatic Start/Stop & Speed Control
- Monitor Drive Faults and Loads

### Miscellaneous Monitor and Control:
- Monitor 3 Pressure Transducers
- Melt Temperature - J Thermocouple
- Monitor 2 Auxiliary - J Thermocouple
- Automatic Lube Pump Contactor Control
- Monitor Heater Currents with Optional Transducers
Hardware

- 15” Touch Screen Operator Interface Display
- Steel Plate Mounting Bezel
- Remote I/O Rack
- 110 Vac or 24 Vdc Control Voltage
- Operating Temperature 55°C

Software

- User Configurable
- Easy-to-Use Graphical User Interface Display
- Unlimited Recipes/Product Codes
- Alarm System Including Control Tolerance Alarms and Absolute Machine Protection Alarms
- Configurable User Security Code System & Operator Access Restrictions
- Cold Start Protection
- Trend Any Monitored or Controlled Process Item
- Built in Diagnostic Displays
- Change Any Tuning Factor On-the-Fly
- Auto-Calibration of Input Scaling and Offset Factors
- Monitor Heater Currents with Optional Current Transducers
- Automatic Back-up of System Files Each Day to Allow the System to be Restored in the Event of a Failure
- Capture All Process Data and Event Logs to Your Computer Through Optional FACTS Link

Options

- Custom Mounting Plate Sizes
- Heater Current Transducers
- Sola Regulating Transformer
- Data Collection & Event Logging Software
- AC or DC Control Voltage
- FACTS Pressure Transducer Interface Module (PTiM)

FACTS systems are in use around the globe in 14 countries (and counting) in a wide variety of measurement and control applications. With over 25 years of business experience, FACTS knows the industry, the process and the equipment.

FACTS is a unique company with diverse capabilities and the flexibility to respond to your needs. Whether you need a simple drive replacement, a complete extrusion line or something in-between, FACTS can help.

Measure your Product….Control the Process… Report the Results

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