

CO-AXIAL SPINDLE

The Promess Co-Axial spindle is a multi-axis multi-turn torque spindle designed to adapt to the Promess EMAP press ram, using standard Promess Motion Controls.

The Co-Axial Spindle has 2-axis of independent motion. Each axis can monitor and control to both torque and position. The system is ideal for applications that require torquing while holding against reaction torque, or rotating two separate tools inside of each other.

FEATURES AND CAPABILITIES

- Torque range from 5Nm – 1500Nm
- Force range from 10kN-120kN
- Precise angle control and measurement
- Torque and force measurements
- Easy integration
- Robust design

SYSTEM INCLUDES

- Built-in Torque Sensors
- Servo Motor
- Digital Signal Conditioners
- Cabling

MONITORING CAPABILITIES

- Torque vs. Angle Monitoring
- Force vs. Angle Monitoring
- Gauging

