

ROTATIONAL ELECTRO-MECHANICAL ASSEMBLY PRESS

- Linear and rotational motion with integrated force and torque sensing
- Extend, retract or rotate, all independent of one another
- Compact and easy to integrate
- Standard Sizes 1/5/12/20 kN and 5/20/50 Nm

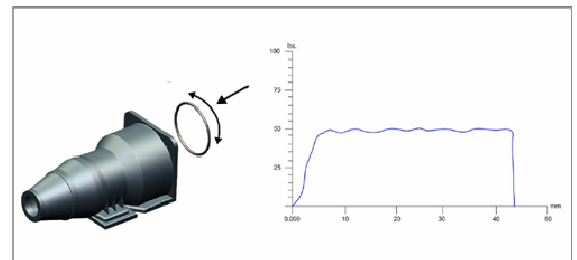
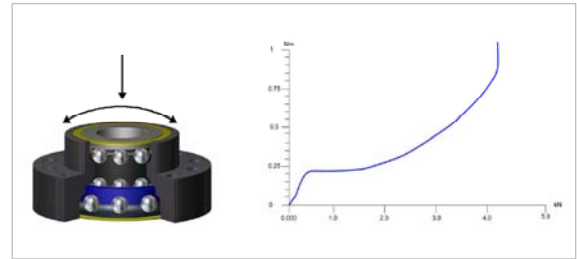


ROTATIONAL ELECTRO-MECHANICAL ASSEMBLY PRESS (REMAP)

The REMAP has been conceived for the most demanding applications where both linear and rotational motion has to be applied. The device is highly versatile due to the complete independent control of linear and rotational motion using independent servo axis. They include integrated sensing of force and torque as well as position and angle.

The REMAP is compact and easy to integrate into both new and existing systems. Unlike traditional linear/rotational systems involving complex designs and controls, the PROMESS REMAP comes in one complete, ready to run package.

Included with the system is the PROMESS application and programming software. Each axis of motion can be independently and simultaneously controlled. The software capabilities include the ability to create and store force versus position and torque versus angle signature curves.



FEATURES/CAPABILITIES

- Extend, retract or rotate, all independent of one another
- Programmable position, velocity, angular velocity, acceleration, angular acceleration, and relative and absolute limits
- Press to position, turn to angle/position, press to force, turn to torque
- Signature monitoring, any combination
- Standard compact design

SCOPE OF SUPPLY

Fully programmable axis of motion, integrated force transducer, integrated torque transducer, PROMESS Software, cable, drives, electronics

OPTIONS

External position / rotation transducer, additional load cell ranges, additional torque transducer ranges

SERVICE

Installation and Start-up support, Pre-Tests, Maintenance, Process analysis, Consulting

