

# Benchtop Press Work Station



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The Promess Benchtop Press Work Station is a light-weight simplified work station that includes the safety and benefits of a full-size station.

The compact package allows the station to be located in a lab environment, and Promess' easy to use and highly adaptable software enables quick and easy press assembly validation.

The Benchtop Press Work Station is perfect for lab environments where a component assembly can be optimized by physical testing. This testing throughout the design phase can help to design a process that results in increased throughput, less failed parts, and decreased machine footprint.



## FEATURES AND BENEFITS

- Safety light curtain
- Compact light box
- Opto-Touch cycle start switch
- 12kN load rating
- T-slots for tooling mounting
- Flexibility
- Programmable stop points (positions)
- Programmable speed and acceleration
- Press to position
- Press to force
- Press to rate of change
- Data acquisition
- Push and pull capabilities

## BENCHTOP PRESS INCLUDES

- Promess Ball Screw Servo Press
- Promess motion controller
- Force transducer
- Guarding
- Programming software
- Promess Safety Drive Enclosure (SDE)

## MONITORING CAPABILITIES

- Force vs. position signature monitoring
- Data acquisition
- Display of force vs. position graphs, zooming and printing
- Gauging functions
- Adjustable process limits and tolerances



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