

BENCHTOP PRESS WORK STATION



WATCH VIDEO

The Promess Benchtop Press Work Station is a lightweight, simplified workstation that delivers the safety, precision, and performance of a full-size press system in a compact benchtop package.

Designed for lab and development environments, the station can be configured in three standard sizes or tailored to fit your specific application. With press force capability up to 30kN, it supports a wide range of component assembly and validation tasks while maintaining a small footprint ideal for tight floorspace requirements.

The Promess easy-to-use and highly adaptable software enables fast setup and reliable press assembly validation, making it an ideal solution for physical testing throughout the design phase. Early-stage testing helps optimize the assembly process, resulting in higher throughput, fewer failed parts, and a reduced machine footprint.



FEATURES AND BENEFITS

- + Safety light curtain
- + Compact light box
- + Opto-Touch cycle start switch
- + Press Force ranges up to 30kN
- + 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

- + Ball Screw Servo Press
- + Motion controller
- + Force transducer
- + Guarding
- + Programming software
- + 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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