

CeraTek MPK Series Pouch Sealer/Cutter



MPK/2

The CeraTek 12-MPK/2 and 24-MPK/2 are the first constant heat sealer/cutter systems for medical pouches. These systems allow medical device manufacturers to combine medical pouch sealing and cutting processes into one step following sterilization. These constant heat sealers include a cut-off knife for trimming headers or excess material from a sealed pouch. The systems are CE and ISO 11607 compliant.

The CeraTek 12-MPK/2 has a 12" long seal die and can accommodate up to an 11.5" wide pouch; the 24-MPK/2 has a 24" long seal die and can accommodate up to a 23.5" wide pouch. The cut-off knife and sealing die operate independently so the user can operate the system as a sealer only, cutter only, or sealer/cutter. The minimum distance from the outer edge of the applied seal to the cut location is 0.25".

For medical device or medical contract manufacturers, the CeraTek sealer/cutter systems delivers the following benefits:

- Superior seal quality with a cleaner, consistently located cut
- Shorter process time; less handling by combining the seal and cut process into one step

- Pouches that are easier to ship and store after the header is removed
- The ability to use one size pouch for multiple size products
- A precise, repeatable seal and cut will positively impact the validation of the entire sealing process

Standard MPK/2 Series features include:

- Interlocked collection drawer collects scrap material up to 6" long
- Panasonic PLC controls with touch-screen HMI
- Key switch limits operator access to set-up screens
- Complete process alarm capability including high/low temperature alarm, high/low pressure alarm, and short cycle alarm
- Discrete output ports for ease in validation and calibration
- Foot switch cycle activation
- Recipe driven knife activation enables the user to determine when the knife will engage
- Available in 12" and 24" wide versions
- Resettable scrap counter with alarm capability
- 100% validatable and calibratable
- CE and ISO 11607 compliant

CeraTek MPK Series Pouch Cutter/Sealer

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SPECIFICATIONS

Power: 110V; 60 hz 1ph, 6 amps

Pneumatic: 10-100psi

Temperature: Ambient – 400° F

Seal Time: 0.10-99.99 seconds

Cut Dwell Time: 0.10-99.99 seconds after seal cycle initiation



MPK/2 with scrap drawer and guarding.



MPK/2 Scrap Drawer



MPK/2 Output Ports



MPK/2 Scrap Removal

OPTIONS

Interlocked machine stand with scrap collection bin

Recipe storage

Data acquisition

Power conversion to 220V