



Autoclavable Controller CNT2440

Sensorless Autoclavable Controller Withstands Up to 1,000 Sterilization Cycles

Portescap's newest controller, the CNT2440, is an autoclavable controller designed to perform in the harshest of environments. Featuring a sensorless drive, which results in lower installation complexity and improved system reliability, the CNT2440 is also fully capable of surviving up to 1,000 sterilization cycles, fulfilling the need for sterilizable controller options within the surgical market.

This controller is fully compatible with Portescap's brushless DC slotted and brushless DC slotless range of sterilizable motors, which provides much-needed flexibility for customers to select from a range of motion technologies based on unique needs. It has a rated voltage up to 24V and a rated current up to 40 amps, providing a power rating of 960 watts. The CNT2440 can also be programmed based on a specific application's requirements, including travel range, braking requirements, and trigger features.

The CNT2440 autoclavable controller is ideal for those seeking a one-of-a-kind sterilizable motor and sterilizable controller package. It is especially well-suited to drive battery-powered surgical hand tools, including surgical drills, surgical power tools, surgical saws, and powered surgical screwdrivers.

✓ Can survive up to 1,000 sterilization cycles

✓ Sensorless drive improves system reliability

✓ Compatible with BLDC slotted & slotless technologies

Key Features

- Autoclavable
- Sensorless drive results in lower installation complexity
- Power rating of 960 watts
- Programmable based on application requirements

Applications

- Surgical Hand Tools
- Surgical Drills
- Surgical Saws
- Powered Surgical Screwdrivers

Customization

- Option to offer digital inputs in addition to trigger features
- Programmable magnetic trigger features
- Travel range

