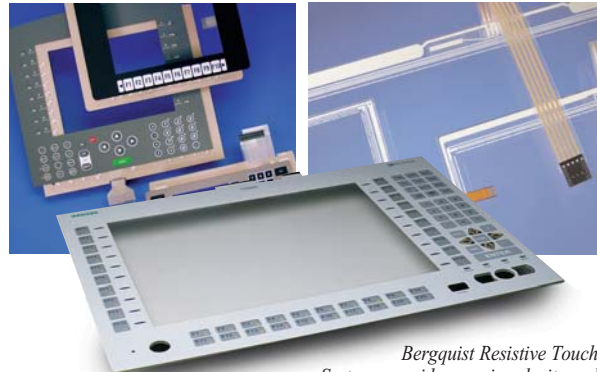


## Resistive Touch System Versatility, Performance and Clarity

### Custom Engineered for Your Application

As a world leader in both membrane switches and analog resistive touch screens, it seemed an obvious choice to combine these two technologies to create the innovative Resistive Touch System (RTS). Resistive Touch Systems provide a new standard in reliability and redundancy for critical control applications. Custom designed for harsh environments, Bergquist Resistive Touch Systems offer unprecedented flexibility including touch screens with diagonals as small as 3.5" to 23".



*Bergquist Resistive Touch Systems provide superior clarity and maximum durability in demanding environments.*

### Features

#### Membrane Switch Features - HeatSeal®

Bergquist's proprietary HeatSeal membrane switches are custom engineered for use in environments where reliability is critical. The HeatSeal process thermally bonds switch layers together, providing a seal that is impervious to moisture, temperature extremes and cleaning chemicals.

- **Polyester Construction** - Offers long life and chemical resistance
- **Optional Hardcoats** - Chemical and scratch resistant
- **Create Display Windows and Decorative Finishes**
- **Custom Colors** - Translucent colors and deadfronts available
- **Tactile Response Options** - Embossing and dome options
- **Switch Circuit Layers** - Screen silver circuit, copper PCB, screened silver shield
- **Spacer Layer** - Internally vented HeatSeal

#### Touch Screen Features

Bergquist's patented 5-Wire resistive touch screens are engineered for critical applications. Features include drift-free operation, fast speed, actuation force consistency, industry-leading light transmission and touch-point density, plus reliability up to 35 million cycles.

- **Patented Design**
- **Custom Sizes** - Diagonals as small as 3.5"
- **High-Accuracy Off-Ratio Sizes**
- **Slim Perimeter** - Drops into most existing 4-Wire and 8-Wire spaces
- **Variety of Glass Thicknesses and Chemical Strengthened Option**
- **Flexible Tail Location**
- **Custom Lengths and Terminations**

### RTS Construction

The Bergquist Resistive Touch System has a seamless one piece face that is easily cleaned, with no cracks, crevices or ledges for dirt and grime to collect. Each custom-engineered RTS unit can employ the same functional and performance features offered on all Bergquist HeatSeal® Membrane Switches and 5-Wire Resistive touch screens. Additionally, the many design options allow engineers extensive flexibility in the design process.

