

# Tough Panel™

# Tough on Heat, Humidity, Dust, Hosedown, Shock & Vibration

Robust, NEMA 4X, IP66, Class I, Div II, Conformal Coated, Aluminum or Stainless Steel Panels

60°C  
95% Humidity  
4 yr Warranty

Hard surface Touchscreen with built-in **Anti-glare film (0.090" Thick)**

## 7 Models to Choose

Identical programming and features; you select the size and display most appropriate for the application, without concern for programming changes



4" to 15" Display

100K hrs

## Exclusive White LED Backlit

**Displays with High-end brightness (500 Nits for TFT) and Wider viewing angle (60 deg)**

## Higher Temp. rated Display

Toughpanels displays have a typical rating of 60° C

## Longer Life

Toughpanels have the best **specifications for backlit** 100,000 hours of operation

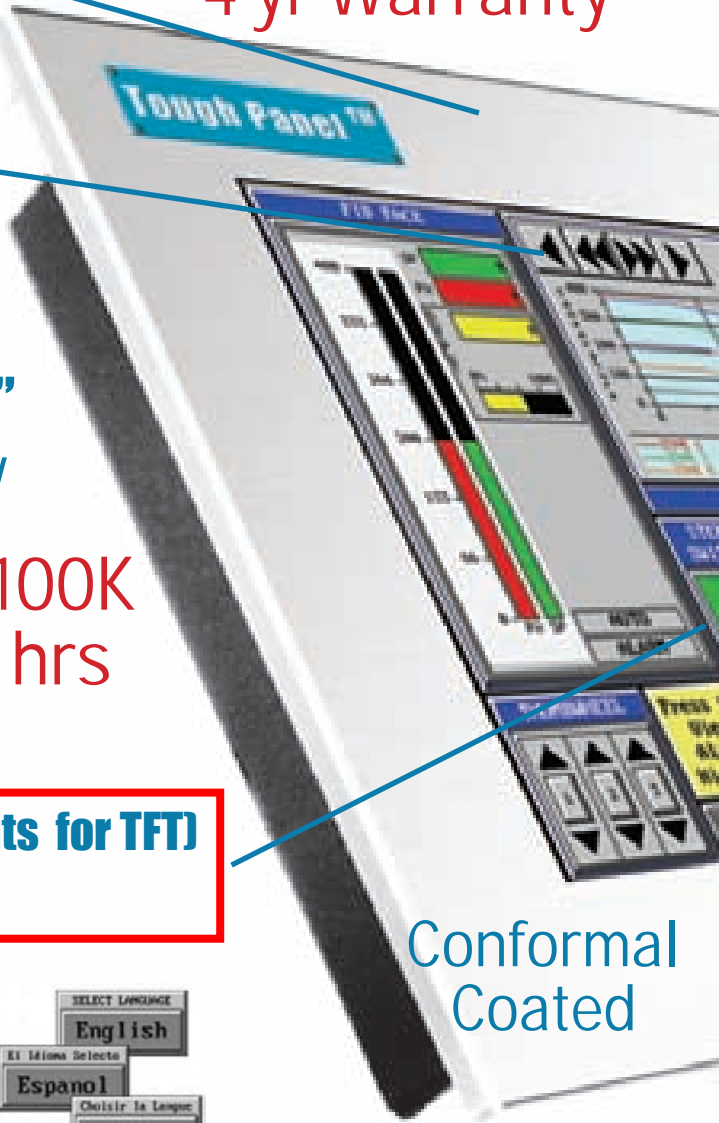
## Multiple Languages

Program the text for Panel components in up to 9-different languages



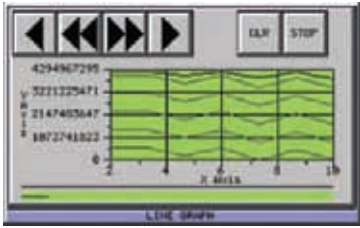
## Unicode Language

Toughpanels are now provided to display text in any language supported by "Unicode".



Conformal Coated

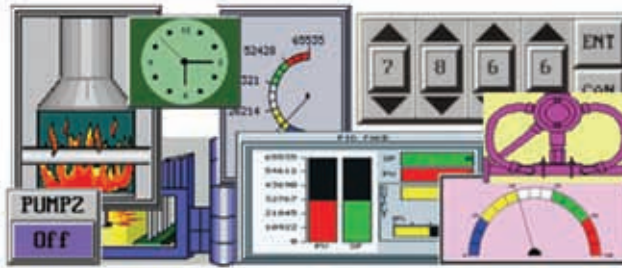
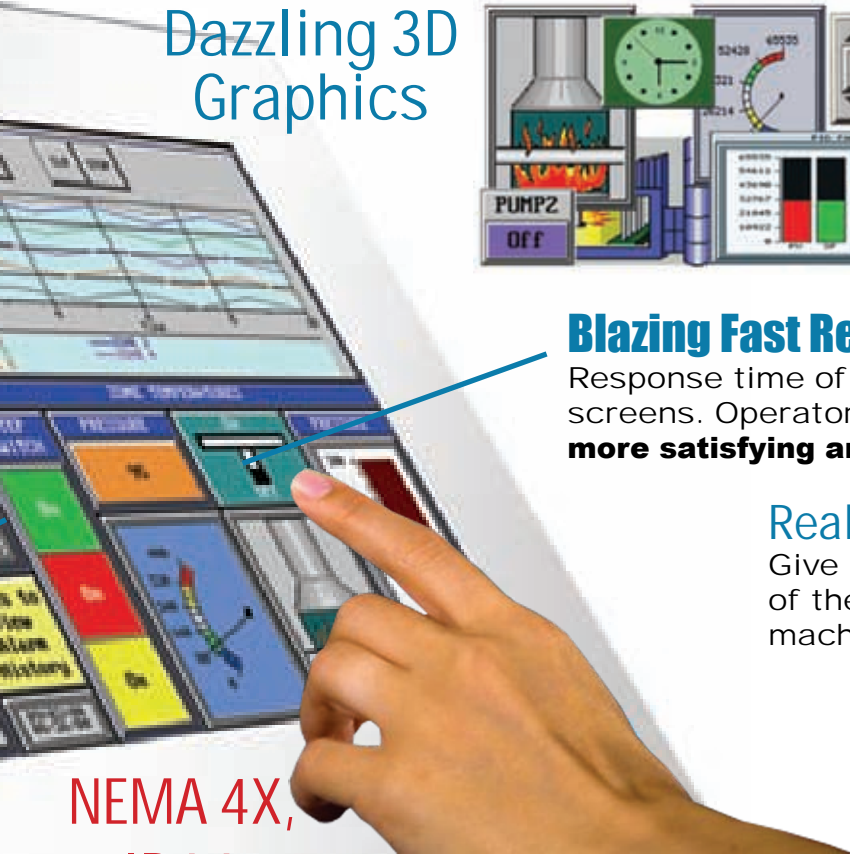
# Intuitive, Simple to Program, High-End SCADA Features without needing Industrial PC!



## Trend Graph / Data Acquisition / Scripting

**Track up to 6 variables in one trend graph. Acquire and store data.** Perform statistical process control. Scripting allows Logical and Mathematical Operations on PLC data.

## Dazzling 3D Graphics



## Operator Friendly

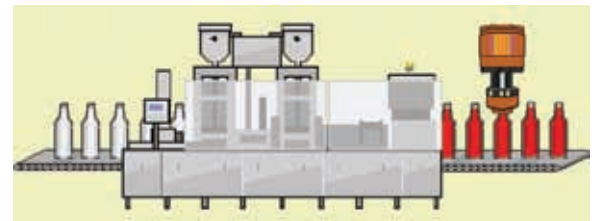
Toughpanels have the **best looking pre-built** as well as multi-state bitmap objects.

## Blazing Fast Response to Touch input

Response time of 0.75 sec to touch inputs even for complex screens. Operators have almost immediate response for a **more satisfying and efficient experience**

## Real Time Animation

Give machine operators a better understanding of the machine process by animating the machine's motion or process on the screen



NEMA 4X,  
IP66

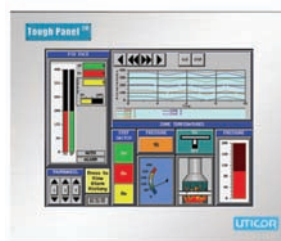
Exclusive

## Outdoor Readable Panels

Toughpanels are available in 1000+ nits outdoor models



## Drop-in, Plug-n-Play Replacement for those Obsolete and feature-limited Touchpanels



Same foot-print



Toughpanels offer Drop-in replacement for Allen Bradley Panelview and Panelview Plus, as well as General Electric's **Quickpanels (also Proface GP Series)**. Program conversion cost is minimal.