

CUSTOMIZATION OPTIONS

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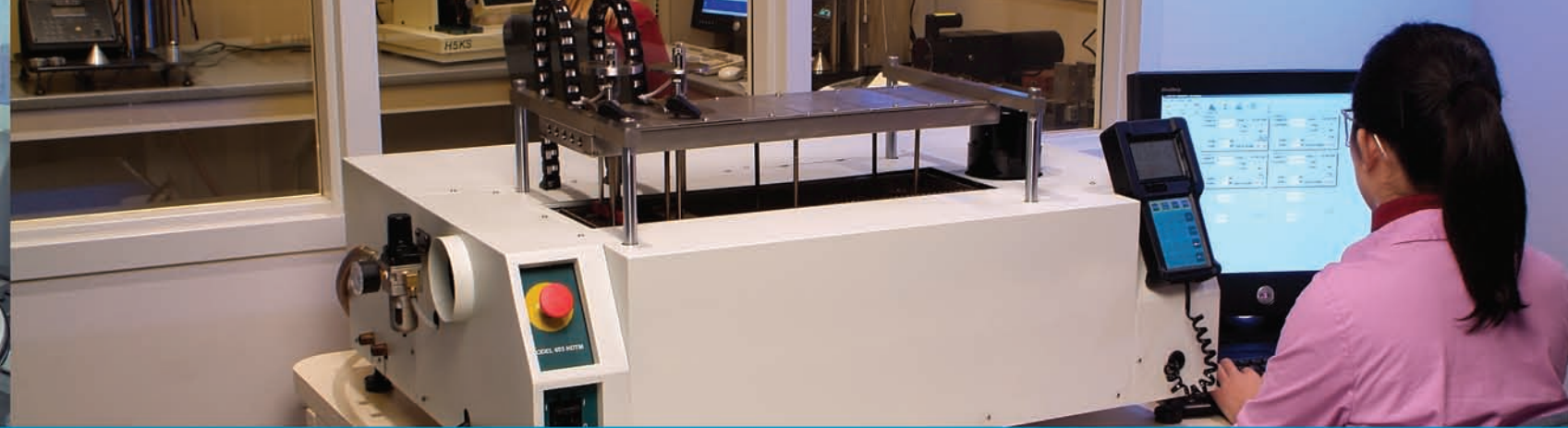
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	HIGHLIGHTS	DISPLAY	KEYPAD	INTERFACE	POWER	ENVIRONMENT	FEATURES/OPTIONS			
SMT	<ul style="list-style-type: none"> • Rugged Valox® 420 • Panel Mount • Multiple Mounting Options • 4 Programmable Function Keys (Single Character Maximum) • VT-100/ANSI 3.64 (option) 	<ul style="list-style-type: none"> • 4 Line x 20 Characters • LCD Twisted Nematic Display* • Supertwist Display • Supertwist Backlit • LED Supertwist Backlit 	<ul style="list-style-type: none"> • Extended Temperature Supertwist Backlit • Vacuum Fluorescent Display (VFD) • Extended Temperature Vacuum Fluorescent Display 	<ul style="list-style-type: none"> • Membrane or Elastomeric • 20-key (maximum) • Standard or Custom Layout • Backlit (option) • Phosphorescent (option) • Backlit Phosphorescent (option) 	<ul style="list-style-type: none"> • RS-232, RS-422, CMOS/LSTTL Level • Data rates: 300 - 9,600 bps 	<ul style="list-style-type: none"> • 5 VDC Regulated +/- 5% • 7.5-12 VDC Linear Regulator • 9.5-28 VDC Switching Regulator 	<ul style="list-style-type: none"> • Nematic Displays <ul style="list-style-type: none"> • Storage Temp: -20°C to +70°C • Operating Temp: 0° to +50°C • Extended Temp: -20°C to +70°C • Vacuum Fluorescent Displays <ul style="list-style-type: none"> • Storage Temp: -20° to +70°C • Operating Temp: -20° to +70°C • Extended Temp: -40° to +85°C • Humidity 5-95% (non-condensing) • NEMA 4/12- panel mounted 	<ul style="list-style-type: none"> • Baud • Data Bits • Parity 	<ul style="list-style-type: none"> • Display PE • Repeat • Handshake 	<ul style="list-style-type: none"> • Echo • Self-Test
HV Series	<ul style="list-style-type: none"> • Rugged Bayblend® (ABS Polycarbonate Blend) • Small Form Factor • 4 Programmable Function Keys (20 Character Maximum) • VT-100/ANSI 3.64 (20-key only) • LED Indicators (option) 	<ul style="list-style-type: none"> • 4 Line x 20 Characters • LCD Twisted Nematic Display* • Supertwist Display • Supertwist Backlit 	<ul style="list-style-type: none"> • Supertwist Backlit • Extended Temperature Supertwist Backlit 	<ul style="list-style-type: none"> • Membrane or Elastomeric • 40-key (maximum), 30-key (membrane only), or 20-key • Standard or Custom Layout • 40-key with LEDs optional • Backlit (option) 	<ul style="list-style-type: none"> • RS-232, RS-422, CMOS/LSTTL Level • Data rates: 110 - 9,600 bps • VT-100/ANSI 3.64* <ul style="list-style-type: none"> • *20-key Compatible 	<ul style="list-style-type: none"> • 5 VDC Regulated +/- 5% • 7.5-12 VDC Linear Regulator • 9.5-28 VDC Switching Regulator 	<ul style="list-style-type: none"> • Storage Temp: -20°C to +70°C • Operating Temp: 0° to +50°C • Extended Temp: -20°C to +70°C • Humidity 5-95% (non-condensing) 	<ul style="list-style-type: none"> • Baud • Data Bits • Parity • Stop Bits • Display Serial Errors • Audible Serial Errors • Support XON/XOFF 	<ul style="list-style-type: none"> • Display Control Characters • Display Escape Characters • Cursor Visible • Auto Line Wrap • New Line on CR • Self-Test • Backlight On 	<ul style="list-style-type: none"> • Echo • Key Repeat • Audible Keys • Simplified Keyboard • Display Size
TechTerm®	<ul style="list-style-type: none"> • Rugged Cycloc ABS® • 15 Programmable Function Keys Maximum (Single Character Maximum) • Battery option available 	<ul style="list-style-type: none"> • 4 Line x 20 Characters • LCD Twisted Nematic Display* • Supertwist Display • Supertwist Backlit 	<ul style="list-style-type: none"> • LED Supertwist Backlit** • Vacuum Fluorescent Display (VFD)** • Extended Temperature Vacuum Fluorescent Display** 	<ul style="list-style-type: none"> • Membrane or Elastomeric • 45-key (maximum), 30-key, or 20-key • Standard or Custom Layout • Backlit (option)** • Phosphorescent (option) • Backlit Phosphorescent (option)** 	<ul style="list-style-type: none"> • RS-232, RS-422, CMOS/LSTTL Level • Data rates: 300 - 9,600 bps 	<ul style="list-style-type: none"> • 5 VDC Regulated +/- 5% • 7.5-12 VDC Linear Regulator • 9.5-28 VDC Switching Regulator • Battery option available 	<ul style="list-style-type: none"> • Nematic Displays <ul style="list-style-type: none"> • Storage Temp: -20°C to +70°C • Operating Temp: 0° to +50°C • Extended Temp: -20°C to +70°C • Vacuum Fluorescent Displays <ul style="list-style-type: none"> • Storage Temp: -20° to +70°C • Operating Temp: -20° to +70°C • Extended Temp: -40° to +85°C • Humidity 5-95% (non-condensing) 	<ul style="list-style-type: none"> • Baud • Data Bits • Parity 	<ul style="list-style-type: none"> • Display PE • Repeat • Handshake 	<ul style="list-style-type: none"> • Echo • Self-Test • Power Saver
80 Series	<ul style="list-style-type: none"> • Rugged Cycloc ABS® • 10 Programmable Function Keys Maximum (20 Character Maximum) • VT-100/ANSI 3.64 • Battery option available • LED Indicators (option) • Emergency Stop (option) 	<ul style="list-style-type: none"> • 4 Line x 20 Characters • LCD Twisted Nematic Display* • Supertwist Display • Supertwist Backlit • LED Supertwist Backlit 	<ul style="list-style-type: none"> • Extended Temperature Supertwist Backlit • Vacuum Fluorescent Display (VFD)** • Extended Temperature Vacuum Fluorescent Display** 	<ul style="list-style-type: none"> • Membrane or Elastomeric • 45-key (maximum), 30-key, or 20-key • Standard or Custom Layout • Backlit (option)** • Phosphorescent (option) • Backlit Phosphorescent (option)** 	<ul style="list-style-type: none"> • RS-232, RS-422, CMOS/LSTTL Level • Data rates: 300 - 19,200 bps 	<ul style="list-style-type: none"> • 5 VDC Regulated +/- 5% • 7.5-12 VDC Linear Regulator • 9.5-28 VDC Switching Regulator • Battery option available 	<ul style="list-style-type: none"> • Nematic Displays <ul style="list-style-type: none"> • Storage Temp: -20°C to +70°C • Operating Temp: 0° to +50°C • Extended Temp: -20°C to +70°C • Vacuum Fluorescent Displays <ul style="list-style-type: none"> • Storage Temp: -20° to +70°C • Operating Temp: -20° to +70°C • Extended Temp: -40° to +85°C • Humidity 5-95% (non-condensing) 	<ul style="list-style-type: none"> • Baud • Data Bits • Parity • Stop Bits • Display PE • Repeat • Key Click • KNP Function 	<ul style="list-style-type: none"> • Cursor • Cursor Blink • XON/XOFF • Handshake • Echo • Escape Mode • CR/LF Mode 	<ul style="list-style-type: none"> • Self-Test • Shift Lock • Scroll on Last Character • Viewing Angle • Break Commands • Backlight
ProTerm	<ul style="list-style-type: none"> • Rugged Cycloc ABS® • Large Display with Graphics Capabilities • Programmable Keypad • VT-100/ANSI 3.64 • LED Indicators (option) • Emergency Stop (option) 	<ul style="list-style-type: none"> • 8 Line x 24 Characters • 16 Line x 32 Character • 192 x 128 Pixel Graphics • Supertwist Display* 	<ul style="list-style-type: none"> • Supertwist Backlit • Extended Temperature Supertwist Backlit FSTN 	<ul style="list-style-type: none"> • Membrane or Elastomeric • 45-key (maximum), 30-key, or 20-key • Standard or Custom Layout • Backlit (option) • Phosphorescent (option) • Backlit Phosphorescent (option) 	<ul style="list-style-type: none"> • RS-232, RS-422, CMOS/LSTTL Level • Data rates: 300 - 19,200 and 57,600 bps 	<ul style="list-style-type: none"> • 5 VDC Regulated +/- 5% • 7.5-12 VDC Linear Regulator • 9.5-28 VDC Switching Regulator 	<ul style="list-style-type: none"> • Storage Temp: -20° to +70°C • Operating Temp: 0° to +50°C • Extended Temp: -20°C to +70°C • Humidity 5-95% (non-condensing) 	<ul style="list-style-type: none"> • Baud • Data Bits • Parity • Stop Bits • Display PE • Repeat • Key Click • KNP Function 	<ul style="list-style-type: none"> • Cursor • Cursor Blink • XON/XOFF • Handshake • Echo • Escape Mode • CR/LF Mode • Self-Test 	<ul style="list-style-type: none"> • Shift Lock • Scroll on Last Character • Viewing Angle • Break Commands • Screen Size • Menu Mode • Backlight
ProMotion	<ul style="list-style-type: none"> • Rugged Cycloc ABS® • Emergency Stop • Large Display with Graphics Capabilities • Programmable Keypad 	<ul style="list-style-type: none"> • 8 Line x 24 Characters • 16 Line x 32 Character • 192 x 128 Pixel Graphics • Supertwist Display* 	<ul style="list-style-type: none"> • Supertwist Backlit • Extended Temperature Supertwist Backlit FSTN 	<ul style="list-style-type: none"> • Membrane only • 45-key (maximum), 30-key, or 20-key • Standard or Custom Layout • Backlit (option) • Phosphorescent (option) • Backlit Phosphorescent (option) 	<ul style="list-style-type: none"> • RS-232, RS-422, CMOS/LSTTL Level • Data rates: 300 - 19,200 and 57,600 bps 	<ul style="list-style-type: none"> • 5 VDC Regulated +/- 5% • 7.5-12 VDC Linear Regulator • 9.5-28 VDC Switching Regulator 	<ul style="list-style-type: none"> • Storage Temp: -20°C to +70°C • Operating Temp: 0° to +50°C • Extended Temp: -20°C to +70°C • Humidity 5-95% (non-condensing) 	<ul style="list-style-type: none"> • Baud • Data Bits • Parity • Stop Bits • Display PE • Repeat • Key Click • KNP Function 	<ul style="list-style-type: none"> • Cursor • Cursor Blink • XON/XOFF • Handshake • Echo • Escape Mode • CR/LF Mode • Self-Test 	<ul style="list-style-type: none"> • Shift Lock • Scroll on Last Character • Viewing Angle • Break Commands • Screen Size • Menu Mode • Backlight
PSMT	<ul style="list-style-type: none"> • Fully Programmable • Rugged Valox® 420 • Panel Mount • Multiple Mounting Options • 8051 Family Microcontroller @ 11.059MHz or 22.118MHz (software selectable) 	<ul style="list-style-type: none"> • 4 Line x 20 Characters • LCD Twisted Nematic Display* • Supertwist Display • Supertwist Backlit • LED Supertwist Backlit 	<ul style="list-style-type: none"> • Extended Temperature Supertwist Backlit • Vacuum Fluorescent Display (VFD) • Extended Temperature Vacuum Fluorescent Display 	<ul style="list-style-type: none"> • Membrane or Elastomeric • 20-keys (maximum) • Standard or Custom Layout • Backlit (option) • Phosphorescent (option) • Backlit Phosphorescent (option) 	<ul style="list-style-type: none"> • RS-232, RS-422, RS-485, CMOS/TTL Level • Data rates: 300 - 115,200 bps 	<ul style="list-style-type: none"> • 5 VDC Regulated +/- 5% • 7.5-12 VDC Linear Regulator • 9.5-28 VDC Switching Regulator 	<ul style="list-style-type: none"> • Nematic Displays <ul style="list-style-type: none"> • Storage Temp: -20°C to +70°C • Operating Temp: 0° to +50°C • Extended Temp: -20°C to +70°C • Vacuum Fluorescent Displays <ul style="list-style-type: none"> • Storage Temp: -20° to +70°C • Operating Temp: -20° to +70°C • Extended Temp: -40° to +85°C • Humidity 5-95% (non-condensing) • NEMA 4/12- panel mounted 	<ul style="list-style-type: none"> • Programmable (2 Basic, C, Assembly) • 448k Flash EEPROM 	<ul style="list-style-type: none"> • 512k Battery-backed SRAM • Real-Time Clock (option) 	
PDS	<ul style="list-style-type: none"> • Fully Programmable • Rugged Cycloc ABS® • 8051 Family Microcontroller @ 11.059MHz or 22.118MHz (software selectable) • Battery option available • Emergency Stop (option) 	<ul style="list-style-type: none"> • 4 Line x 20 Characters • LCD Twisted Nematic Display* • Supertwist Display • Supertwist Backlit • LED Supertwist Backlit 	<ul style="list-style-type: none"> • Extended Temperature Supertwist Backlit • Vacuum Fluorescent Display (VFD)** • Extended Temperature Vacuum Fluorescent Display** 	<ul style="list-style-type: none"> • Membrane or Elastomeric • 45-key (maximum), 30-key, or 20-key • Standard or Custom Layout • Backlit (option)** • Phosphorescent (option) • Backlit Phosphorescent (option)** 	<ul style="list-style-type: none"> • RS-232, RS-422, RS-485, CMOS/TTL Level • Data rates: 300 - 115,200 bps 	<ul style="list-style-type: none"> • 5 VDC Regulated +/- 5% • 7.5-12 VDC Linear Regulator • 9.5-28 VDC Switching Regulator • Battery option available 	<ul style="list-style-type: none"> • Nematic Displays <ul style="list-style-type: none"> • Storage Temp: -20°C to +70°C • Operating Temp: 0° to +50°C • Extended Temp: -20°C to +70°C • Vacuum Fluorescent Displays <ul style="list-style-type: none"> • Storage Temp: -20° to +70°C • Operating Temp: -20° to +70°C • Extended Temp: -40° to +85°C • Humidity 5-95% (non-condensing) 	<ul style="list-style-type: none"> • Programmable (2 Basic, C, Assembly) • 448k Flash EEPROM • 512k Battery-backed SRAM 	<ul style="list-style-type: none"> • LED Indicators (option) • E-Stop w/10 conductor cable (option) • Real-Time Clock (option) 	
PDSRF	<ul style="list-style-type: none"> • Wireless Communication • Fully Programmable • Rugged Cycloc ABS® • 8051 Family Microcontroller @ 11.059MHz or 22.118MHz (software selectable) • Battery Powered only 	<ul style="list-style-type: none"> • 4 x 20 Character • LCD Twisted Nematic Display* • Supertwist Display • Supertwist Backlit 	<ul style="list-style-type: none"> • Supertwist Backlit • Extended Temperature Supertwist Backlit 	<ul style="list-style-type: none"> • Membrane or Elastomeric • 45-key (maximum), 30-key, or 20-key • Standard or Custom Layout • Phosphorescent (option) 	<ul style="list-style-type: none"> • RS-232 over spread spectrum frequency hopping wireless link @19,200 baud • Base Radio baud rate to host equipment is configurable from 1,200 - 19,200 bps 	<ul style="list-style-type: none"> • Battery powered using rechargeable NiMH battery or AA Alkaline batteries • 12 VDC (charging voltage) 	<ul style="list-style-type: none"> • Storage Temp: -20°C to +70°C • Operating Temp: 0° to +50°C • Extended Temp: -20°C to +70°C • Humidity 5-95% (non-condensing) 	<ul style="list-style-type: none"> • Programmable (2 Basic, C, Assembly) • Default configuration allows device to be operated as a terminal • 448k Flash EEPROM 	<ul style="list-style-type: none"> • 512k Battery-backed SRAM • LED Indicators (option) • Real-Time Clock (option) 	

WARRANTY Note: All products come with a three (3) year warranty.

*Standard Display **not available with battery option



Customizable Rugged Hand Held Terminal Products for Global Applications



PRODUCT GUIDE

ADAPTING TO YOUR ENVIRONMENT

At Two Technologies, we believe your product shouldn't have to adjust to our hand held terminal or computer. That's why we offer hundreds of configurations that adapt to your product offering. Keypads that feature application specific graphics allow your product to be intuitive to operate and minimize the learning curve. Custom case colors that match your product offering and environment. Logo tags with your company name or product name prominently displayed. After all, it's our job to provide a rugged and intuitive interface that flows seamlessly into your product offering – allowing your design to assume center stage. Two Technologies, evolving through adaptation since 1987.

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- All products are lab certified
- All standard products are RoHS Compliant



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A GREEN COMPANY CULTURE

We're continually striving to be a better corporate citizen, adopting environmentally-friendly practices and technologies. All standard products are RoHS compliant, demonstrating our commitment to keeping harmful substances out of our shared ecosystem. Also, all standard products from Two Technologies are FCC and CE certified, ensuring product safety.

At Two Technologies, we feel it's important to embrace eco-friendly measures with the goal of achieving the highest levels of environmental-quality in our products, services, and corporate activities. We do our utmost to protect and preserve the environment and promote sustainable economic growth for today's and future generations.

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