

# Falcon® PT2000®

## Portable Data Terminal



### Features:

- 16-bit proprietary operating system
- Memory expandable to 2MB
- 4 x 16 LCD
- Lightweight, compact design
- Easy to upgrade
- Easy-to-use Windows® based programming tool
- Floating point math
- Wildcard field search and verification
- All supported symbologies loaded
- Larger applications supported (up to 64K)

### Accessories

- Single Slot Docking Station
- Belt Clips/Softcases
- Serial/Charging Cable
- Rechargeable NiCd Battery



Docking Station

### Mechanical

#### Dimensions

Length: 7.4" / 188 mm  
 Width at Display: 3.7" / 94 mm  
 Width at Grip: 2.9" / 74 mm  
 Depth: 1.3" / 34 mm  
 Weight (w/batteries): 12.0 oz / 360 g  
 Display: 4 lines x 16 characters supertwist  
 Keypad: 34 splash-resistant keys with full alphanumeric capability; four programmable function keys

**Construction:** Industrial, high-strength polycarbonate/blend plastic Chemical and splash resistant

### Environmental

#### Temperature Rating

Operating: 14° to 122° F / -10° to 50° C  
 Storage: -4° to 158° F / -20° to 70° C

**Humidity:** 5 to 95% NC

**Shock:** Multiple 4' / 1.2 m drops to concrete

### System

#### PT 2000

**Beeper:** Software programmable speaker volume, duration, and pitch

#### Data Communications

##### Standard 15-pin D-sub connector

**Serial** (requires serial cable): RS-232C; ASCII 7- or 8-bit; Selectable Parity; 300 to 76,800 baud programmable; Supports CTS/RTS and Xon/Xoff

**Keyboard Wedge** (requires wedge cables): AT interface; PS/2 interface

#### Hardware

16-bit CMOS Microprocessor; Real-time Clock and Calendar; RAM: 128 KB to 2MB; FLASH: 128 KB

#### Input Devices

Handheld 5V lasers; handheld CCDs; Wands (visible light and infrared); I.D. Badge scanners (visible light and infrared); Magnetic stripe readers (Tracks 1, 2, or 3)

#### Power

Three alkaline batteries or Nicad rechargeable battery pack; Rechargeable lithium backup battery protects RAM and real-time clock; Low battery message and programmable automatic shutdown

#### Protocols

ACK/NAK with drivers for MS-DOS; X Modem; Carriage return only

#### Software

Supports programs generated with PSC Program Generator (PPG); Supports floating point math (decimal and exponential notation up to 12 digits); Supports wildcard field search and verification

### PT Dock

#### Dimensions

Length: 6.1" / 155 mm  
 Width: 6.0" / 153 mm  
 Height: 4.3" / 110 mm

**Weight:** 24 oz / 720 g without power supply

**Data Communications:** Standard 25-pin D-sub connector

**Serial** (requires serial cable): RS-232C; ASCII

7- or 8-bit; Selectable Parity; 300 to 76,800 baud programmable; supports CTS/RTS and Xon/Xoff

**Keyboard Wedge** (requires wedge cables): AT interface; PS/2 interface; IBM 3151, 3471, 3472, 3476, 3477 terminals

**Indicators:** Dual LED; Indicates battery charge or unit properly seated in dock

#### Power

110-volt power supply or 220-volt power supply; Nicad and internal lithium backup batteries are recharged in the unit; Power supply is not needed when using the PT Dock as a wedge. Power supply must be purchased separately

### Safety & Regulatory

**Electrical:** Complies to CE

**Emissions:** FCC Part 15 - Class A



Copyright © PSC Inc. 1998-2006. All rights reserved. Protected to the fullest extent under U.S. and international laws. Copying, or altering of this document is prohibited without express written consent from PSC. PSC Inc. of Eugene, Oregon, USA is ISO registered by NQA. The PSC logo, Falcon, and PT2000 are registered trademarks of PSC Inc. All other brand and product names are trademarks of their respective owners. Additional information concerning this product or other PSC products and services can be found at the PSC web site.



R45-5030 (US-F) 0806

