

# PT 2000®

Portable Data Terminal



## PT 2000®: Portable, Flexible Data Collection

Small and lightweight, the PT 2000® is your answer to portable data collection. Its convenient size fits comfortably in your hand. Better yet, it weighs only 12 oz. (360 grams) including batteries! And it's loaded with all the features you require in a portable. The PT 2000® gives you the flexibility to choose the appropriate input device for your application, whether it's a wand, CCD, 5V laser, or I.D. Badge scanner. Its four-line by 16-character LCD display provides easy readability and 34 splash-resistant alphanumeric keys, including four programmable keys, give you the option of keying in data.

In addition, the PT 2000® offers up to two megabytes of data storage, making even your largest applications portable. Three AA alkaline or a rechargeable Nicad battery pack power your PT 2000 for up to 12 hours of continuous use (20,000 scans with a 5V laser or CCD). Should your batteries fail, a lithium backup battery is built into the unit for up to 10 days of memory storage. The PT 2000® features a built-in AT, PS/2 interface, so you can use it as a keyboard wedge for those applications requiring fixed station scanning. This "double duty" feature allows you to maximize your investment – saving you money! Backed by a one-year warranty, this durable unit is rugged enough to withstand multiple drops to concrete. Its compact size, ergonomic design and long battery life make the PT 2000® an excellent choice for use in a variety of environments including inventory control, point-of-sale or any application where field data collection is required.

### 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)

## PT Dock

Designed specifically for use with the PT 2000® or TopGun®, the PT Dock provides a connection between your PSC portable and your computer without sacrificing the convenience of portability.

The PT Dock allows you to transmit data to and from your host system, using serial or keyboard wedge communications. The PT Dock also recharges your Nicad battery pack and lithium backup battery.

Ask your PSC representative for more information on PSC software products.



# Specifications

## PT 2000®

### PRODUCT and SYSTEM

#### 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 LCD

##### 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-ft. drops to concrete

#### Decoding Capability

(autodiscriminates between)

UPC A, E / EAN 8,13 / JAN 8, 13 (extensions)  
 Code 128 Interleaved 2 of 5  
 Code 39 Code 39 Full ASCII  
 Code 93 Codabar

#### Safety & Regulatory

Electrical: Complies to CE  
 Emissions: FCC Part 15 - Class A



#### 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 2MByte;  
 FLASH: 128K Byte

##### 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 – System

##### 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



PT Dock

#### PSC Inc.

959 Terry Street  
 Eugene OR 97402-9150 USA  
 Tel: 800 695 5700 or 541 683 5700  
 Fax: 541 345 7140

#### Specifications are subject to change without notice.

Additional information concerning this product or other PSC products and services can be found at the PSC website: [www.pscnet.com](http://www.pscnet.com) or contact your PSC representative for more information.



#### PSC Worldwide Sales and Service locations

Australia  
 Tel: 61 2 9878 8999  
 Fax: 61 2 9878 8688

Belgium  
 Tel: 32 2 414 74 09  
 Fax: 32 2 410 11 63

Brazil  
 Tel: 55 11 5507 7721  
 Fax: 55 11 5507 7696

Chile  
 Tel: 562-339-7000  
 Fax: 562-339-7985

China  
 Tel: 86 10 6857 9048  
 Fax: 86 10 6857 8699

China - South  
 Tel: 86 20 8765 9955  
 Fax: 86 20 8765 9955

France  
 Tel: 33 1 64 86 71 00  
 Fax: 33 1 64 46 72 44

Germany  
 Tel: 49 6151 93580  
 Fax: 49 6151 935858

Hong Kong  
 Tel: 852 25846210  
 Fax: 852 25210291

India  
 Tel: 91 11 4621586  
 Fax: 91 11 4623305

Italy  
 Tel: 39 039 629031  
 Fax: 39 039 6859496

Japan  
 Tel: 81 3 3491 6761  
 Fax: 81 3 3491 6656

Latin America  
 Tel: 1 305 539 0111  
 Fax: 1 305 539 0206

Singapore  
 Tel: 65 435 1311  
 Fax: 65 226 1242

Spain  
 Tel: 34 91 203 65 00  
 Fax: 34 91 203 65 01

Sweden  
 Tel: 46 4010 84 92  
 Fax: 46 4010 84 91

Turkey  
 Tel: 90 212 23691 15  
 Fax: 90 212 23691 16

United Kingdom  
 Tel: 44 1923 809500  
 Fax: 44 1923 809505