



# SCANTEAM<sup>®</sup> 5700/HD Series

## High Density Hand Held Laser Scanner

The SCANTEAM<sup>®</sup> 5700/HD High Density Laser Scanner is a high performance special purpose laser scanner. It reads high density bar codes down to 3 mil. size, and is combined with Hand Held Products' traditionally excellent decoding, interfacing, and product durability reputation. The 5700/HD is available with a full suite of decoded output interfaces, or non decoded output for connection to an external decoder or portable terminal

Hand Held Products laser scanners are comfortable to use, rugged, durable, and easy to program. They offer a wide selection of cables, upgradable Flash memory, and Quick\*Load, a Windows<sup>®</sup>-based programming tool, to maximize flexibility.

The 5700/HD is a high performance scanner suitable for special purpose applications where labels and bar code print sizes are small, such as jewelry tags in retail stores, or industrial electronic manufacturing. The 5700/HD can also be used for close range general purpose applications. It also offers Dual Interface - with a simple cable change, the scanner automatically switches interfaces (such as from retail POS to portable data collection), increasing functionality and cost effectiveness.

### Features & Benefits

#### **High Resolution**

*Reads down to 2.5 mil. bar codes.*

#### **Auto Scanning**

*Hands free scanning option for faster throughput.*

#### **Dual Interfaces**

*A simple cable change automatically allows one scanner to be used on two terminal interfaces.*

#### **Flash Memory**

*Field upgradable memory extends the useful life of the product.*

#### **Rugged Design**

*Durable products that survive in the real world.*

#### **Common Architecture**

*Common interfaces, cables, and programming with Quick\*Load.*

#### **Two Year Warranty**

*Full factory warranty, plus world wide service and support.*

# SCANTEAM® 5700HD Series



## Performance

|                   |   |                                 |                                |                              |                                |
|-------------------|---|---------------------------------|--------------------------------|------------------------------|--------------------------------|
| Scan Element:     | Mylar resonant scan element   |                                 |                                |                              |                                |
| Light Source:     | 675nm visible laser diode (VLD)   |                                 |                                |                              |                                |
| Laser Power:      | .36mW ± .05mW   |                                 |                                |                              |                                |
| Scan Rate:        | 36 scans/sec.   |                                 |                                |                              |                                |
| Field Width:      | 2 in. (5.1 cm) at 2.7 in. (6.9 cm)<br>3.9 in. (9.9 cm) at 6 in. (15.2 cm) |                                 |                                |                              |                                |
| Working Distance: | <b>2.5 mil</b>  | <b>3 mil</b>                    | <b>5 mil</b>                   | <b>7.5 mil</b>               | <b>13 mil</b>                  |
|                   | 2 in. typical<br>(5.1 cm)   | 1.4 - 2.7 in.<br>(3.7 - 6.9 cm) | 1.2 - 4.2 in.<br>(3 - 10.7 cm) | 1.2 - 4.7 in.<br>(3 - 12 cm) | 1.9 - 6 in.<br>(4.8 - 15.2 cm) |
| Print Contrast:   | 40% MRD   |                                 |                                |                              |                                |
| Skew Angle:       | ± 60° minimum from normal   |                                 |                                |                              |                                |
| Pitch Angle:      | ± 65° minimum from normal   |                                 |                                |                              |                                |
| Scan Angle:       | 35°   |                                 |                                |                              |                                |

## Mechanical/Electrical

### Dimensions

|                       |                  |
|-----------------------|------------------|
| Weight:               | 7 oz. (198 g)    |
| Length:               | 5.8 in. (14.8cm) |
| Width:                | 3.0 in. (7.5cm)  |
| Laser Classification: | CDRH Class II    |

### Power Requirements

Voltage: +5VDC or +5V/+12V, depends on product configuration and cable selection

| Current: | Product    | Idle   | Scanning  |
|----------|------------|--------|-----------|
|          | 5700/HD-X0 | .06 mA | 110mA     |
|          | 5700/HD-X1 | 100mA* | 200mA     |
|          | 5700/HD-X2 | 70mA*  | 170mA max |
|          | 5700/HD-X3 | 90mA*  | 190mA     |

\*When operated in switched power mode, idle current is less than 0.06mA.  
-Add 10% for hands-free scanning option

Cable: High flex strength 6 ft. detachable (1.8m) coiled cord

## Environmental

|                          |   |
|--------------------------|---|
| Ambient Light:           | Sunlight: 8000 ft. Candles  |
| Temperature Ranges       |   |
| Operating:               | 32°F to 104°F (-0°C to 40°C)  |
| Storage:                 | -40°F to 140°F (-40°C to 60°C)  |
| Humidity:                | 5% to 95% (non-condensing)  |
| Shock:                   | Five drops from 5 ft. (1.5m) to concrete  |
| Agency Conformance:      | Complies with FCC Class B, CE.  |
| MIL Spec w/Scanboot:     | MIL-STD-810E, 506.3, #2, Drip<br>MIL-STD-810E, 510.3, #1, Wind Blown Dust   |
| Electrostatic Discharge: | 15kv to any external surface  |
| Symbologies:             | UPC-EO, E1, A; EAN; JAN; ISBN all versions with supplement suppression; Codes 3 of 9; 128; I 2 of 5; 2 of 5; Matrix 2 of 5; 11; 93; MSI; Plessey; and Codabar |

**CE** Complies with EMC 89/336/EEC and LVD 73/23/EEC

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