



# SCANTEAM<sup>®</sup> 5700 Series

## High Performance Hand Held Laser Scanner

The SCANTEAM 5700 Hand Held Laser Scanner is Hand Held Products' high performance laser. It combines our best laser scanning performance with Hand Held Products' traditionally excellent decoding, interfacing, and product durability reputation. The 5700 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 is a high performance scanner suitable for any general purpose application. It offers the widest range of resolution and reading distance of any Hand Held Products scanner. The 5700 finds application in retail point of sale, factory and office automation, inventory, asset tracking, and transportation uses. 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

#### **Excellent Scanning Performance**

*Reads down to 5 mil codes. Working distance up to 31 inches.*

#### **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.*

**Performance**

|                          |  |                                       |                                     |                                    |                                   |
|--------------------------|--|---------------------------------------|-------------------------------------|------------------------------------|-----------------------------------|
| <b>Scan Element:</b>     | Mylar resonant scan element                              |                                       |                                     |                                    |                                   |
| <b>Light Source:</b>     | 650nm visible laser diode (VLD)                          |                                       |                                     |                                    |                                   |
| <b>Laser Power:</b>      | .8 mW $\pm$ 10%  |                                       |                                     |                                    |                                   |
| <b>Scan Rate:</b>        | 36 scans per second                                      |                                       |                                     |                                    |                                   |
| <b>Field Width:</b>      | 3.4 in. (8.6cm) at 4.5 in. and 20 in. (50.8cm) at 31 in. |                                       |                                     |                                    |                                   |
| <b>Working Distance:</b> | <b>5mil</b>  | <b>7.5 mil</b>                        | <b>10 mil</b>                       | <b>20 mil</b>                      | <b>55mil</b>                      |
|                          | 2.5 in. - 3.5 in.<br>(6.35cm - 8.89cm)                   | 2 in. - 7.0 in.<br>(5.08cm - 17.78cm) | 1 in. - 10 in.<br>(2.54cm - 25.4cm) | 1.5 - 18 in.<br>(3.81cm - 45.72cm) | 4 - 31 in.<br>(10.16cm - 78.74cm) |
| <b>Print Contrast:</b>   | 25% MRD  |                                       |                                     |                                    |                                   |
| <b>Skew Angle:</b>       | $\pm$ 65° minimum from normal                            |                                       |                                     |                                    |                                   |
| <b>Pitch Angle:</b>      | $\pm$ 55° minimum from normal                            |                                       |                                     |                                    |                                   |

**Mechanical/Electrical****Dimensions**

|                              |                  |
|------------------------------|------------------|
| <b>Weight:</b>               | 7 oz. (198g)     |
| <b>Length:</b>               | 5.8 in. (14.8cm) |
| <b>Width:</b>                | 3 in. ( 7.5 cm)  |
| <b>Laser Classification:</b> | CDRH Class II    |

**Power Requirements**

|                 |   |                  |                 |
|-----------------|---|------------------|-----------------|
| <b>Voltage:</b> | Non-Decoded Output +4.5 to 5.5 VDC<br>Decoded Output: +5VDC or +12VDC, depending on interface |                  |                 |
| <b>Current:</b> | <b>Product</b>  | <b>Idle</b>      | <b>Scanning</b> |
|                 | 5700/A-00   | Less than .06 mA | 110mA           |
|                 | 5700/A-01   | 100mA*           | 200mA           |
|                 | 5700/A-02   | 70mA*            | 170mA max       |
|                 | 5700/A-03   | 90mA*            | 190mA           |

\*When operated in switched power mode, idle current is less than 0.06mA.

**Environmental**

|                                 |   |
|---------------------------------|---|
| <b>Ambient Light:</b>           | Sunlight: 8000 ft. candles  |
| <b>Temperature Ranges</b>       |   |
| <b>Operating:</b>               | 32°F to 122°F (-0°C to 50°C)  |
| <b>Storage:</b>                 | -40°F to 140°F (-40°C to 60°C)  |
| <b>Humidity:</b>                | 5% to 95% (non-condensing)  |
| <b>Shock:</b>                   | Five 5 ft. (1.5m) drops to a concrete surface   |
| <b>Agency Conformance:</b>      | FCC Class B CE  |
| <b>MIL Spec w/Scanboot:</b>     | MIL-STD-810E, 506.3, #2, Drip<br>MIL-STD-810E, 510.3, #1, Wind Blown Dust   |
| <b>Electrostatic Discharge:</b> | 15kv to any external surface  |
| <b>Symbologies:</b>             | UPC-EQ, 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 |



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

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