



SCANTEAM[®] 5700/HD Series

High Density Hand Held Laser Scanner

The SCANTEAM[®] 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[®]-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.



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) 3.9 in. (9.9 cm) at 6 in. (15.2 cm)				
Working Distance:	2.5 mil	3 mil	5 mil	7.5 mil	13 mil
	2 in. typical (5.1 cm)	1.4 - 2.7 in. (3.7 - 6.9 cm)	1.2 - 4.2 in. (3 - 10.7 cm)	1.2 - 4.7 in. (3 - 12 cm)	1.9 - 6 in. (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 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

