

CS4070-HC SPECIFICATIONS CHART

PHYSICAL CHARACTERISTICS

Dimensions	4.39 in. L x 1.79 in. W x 1.02 in. H 11.15 cm L x 4.55 cm W x 2.6 cm H
Weight	With batteries: 3.28 oz./93.2 g
Scan Engine	SE4710 image engine
Memory	512 MB Flash
Memory Capacity	Over 1 million barcodes (UPC with time date stamp)
LEDs	Scan LED (Green, Red, and Amber) and Bluetooth® LED (Blue) Four LED battery status indicator
Buttons	Scan, remove scan (batch mode only), enable Bluetooth (RF scanners only), battery status; scan button tested to a million depressions, all other buttons tested to 250,000 depressions

OPERATING MODES

Batch	Scans recorded with optional time/date stamp
Open Bluetooth	Real time wireless data transmission

BATTERY

Battery	950 mAh Lithium ion
Charge Time	3 hours 40 minutes
Battery Life	Batch: 24 hours use or 8,500 scans (6 scans per minute on full charge) Standby: 3 months Bluetooth 12 hours use or 4,250 scans (6 scans per minute on full charge)
Power Consumption	5V, 500mA max while charging

PERFORMANCE CHARACTERISTICS

Decode Capability	1D and 2D symbologies
Interfaces Supported	USB (micro jack); Bluetooth
Real Time Clock	A date/time stamp can be recorded with each bar code scanned (batch mode operation only)
Batch Communication	USB 2.0

USER ENVIRONMENT

Drop Specification	Multiple 5 ft./1.5 m drops to concrete
Tumble Specification	250 cycles @ 1.64 ft./0.5 m (500 drops)
Sealing	IP52, disinfectant ready
Operating Temperature	32° to 104° F/0° to 40° C
Storage Temperature	-40° to 158° F/-40° to 70° C
Humidity	10 to 95% noncondensing

USER ENVIRONMENT (CONTINUED)

Ambient Lighting Tolerance	Tolerant to typical artificial indoor and natural outdoor (direct sunlight) lighting conditions. Fluorescent, Incandescent, Mercury Vapor, Sodium Vapor, LED1: 450 ft. candles (4,844 Lux) Sunlight: 8,000 ft. candles (86,111 Lux)
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BLUETOOTH

Bluetooth Radio	Bluetooth, Class 1/Class 2, Version 2.1 + Enhanced Data Rate (EDR)
Bluetooth Range	300 ft./100 m when configured for Class 1 or 30 ft./10 m when configured for Class 2
Bluetooth Profiles	HID keyboard wedge and Serial Port Profile (SPP) and Wireless SSI (proprietary)

ACCESSORIES

BT-CS1-0BR Bluetooth Dongle for Bluetooth Class 1 Version 2.0 enables connection to host by simply scanning a barcode; CHS5000-1000CR Charge Cradle charges one scanner and one battery simultaneously; CHS5000-8000CR Charge Cradle charges up to eight scanners; SAC5000-8000CR Charge Cradle charges up to eight batteries; lanyard

REGULATORY

Laser Safety	IEC62471:2006 (Ed.1.0); EN62471:2008 (LED)
EMC	FCC Part 15 Class B, ICES 003 Class B, EN 55022, EN 55024, EN 301 489-1, EN 301 489-17
Radio	EN 300 328
Electrical Safety	UL 60950-1, C22.2 No. 60950-1, EN 60950-1, IEC 60950-1
Environmental	EN50581

WARRANTY

Warranted against defects in workmanship and materials for a period of thirty-six (36) months

DECODE RANGE

4 mil Code 39:	2.9 in. / 7.4 cm — 8.4 in. / 21.4 cm
5 mil Code 128:	2.4 in. / 6.1 cm — 7.8 in. / 19.8 cm
5 mil 39:	1.6 in. / 4.1 cm — 13.1 in. / 33.3 cm
5 mil PDF417:	2.7 in. / 6.9 cm — 8.0 in. / 20.3 cm
10 mil Data Matrix:	2.5 in. / 6.4 cm — 9.7 in. / 24.7 cm
100% UPCA:	1.4 in. / 3.6 cm* — 25.6 in. / 65.0 cm
20.0 mil Code 39:	1.6 in. / 4.1 cm* — 29.6 in. / 75.2 cm

*Minimum distance determined by symbol length and scan angle

SERVICES

Enjoy easy access to fast repair and expert support with Service from the Start. Add "next business day" replacement with Advanced Exchange.

APPLICATIONS

- Medication administration
- Transfusion administration
- Specimen labeling
- Specimen tracking
- Medication tracking at the dose level in the hospital pharmacy
- Inventory takes in individual floor supply cabinets for timely replenishment