

## **TECHNICAL DATA SHEET**

### **OUTSTANDING FEATURES**

- ◆ Point of sale printed delivery ticket.
- ◆ Customized delivery tickets (contact factory).
- ◆ Reproduction of lost or damaged delivery ticket prior to start of next delivery.
- ◆ Maintenance reports for calibration and malfunction history.
- ◆ Preventive maintenance schedule and recalibration date printing on daily trip report.
- ◆ Log failure report for maintenance personnel.
- ◆ Self test to check control circuit function, printer mechanism and printing quality.
- ◆ Small and lightweight printer available in a Nema-4x enclosure or in a mobile format that can be attached to a belt hook or neck/shoulder lanyard capable.



### **GENERAL DESCRIPTION**

The Hoffer ACE P7 Printer is for use with ACE II and ACE-B electronics. It is a small, lightweight mobile receipt printer that brings functionality and convenience to any mobile environment. Printing at 50 mm/sec, the ACE P7 affords maximum wireless freedom through an infrared interface. Weighing less than 12 ounces, the ACE P7 utilizes a long-life lithium-ion battery that supplies up to 40,000 lines of 8 dots/mm (203 dpi) thermal printing on a single charge.

The ACE P7 Printer is available mounted in a Nema 4X enclosure or in a mobile format. It is intended to be used with the Hoffer ACE II and ACE-B electronics in a variety of industrial and commercial applications in which small size and low cost are important considerations. The ACE P7 Printer meets these overall objectives without compromising features which would be considered desirable for a quality commercial unit.

## SPECIFICATIONS

### PRINTER CHARACTERISTICS

Printing Method	Line Thermal Printing
Total Dots	384 dots/line
Dot Density	8 dots/mm (203 dpi)
Print Speed	50mm/sec (400 dot lines per sec)
Print Width	48mm
Characters per Line	Font A: 32 characters/line Font B: 42 characters/line
Recommended Paper	58mm +/- x 50mm diameter Optional cover for 40mm diameter
Interfaces	Infra-red RS-232C
Power	Rechargeable battery (Lithium-Ion)
Battery Charge Time	3 hours maximum
Print Lines Per Charge	40,000 (fully charged)
Buffer	64kb
Weight	329 grams
Dimension	116(w)x90(d)x51(h) mm

### ENVIRONMENTAL

Temperature	0° to 50° C (ambient)
Relative Humidity	20% to 90%, non-condensing

ACE P7 shown below in a Nema 4x Enclosure



Model ACE -P7- ( ) - ( ) - ( ) - ( )

#### Power Options

- (12) 12 VDC Power Input
- (24) 24 VDC Power Input

#### Heaters

- (H) Heater-Required for (M) option only when temperature falls below 32 Deg. F.
- (X) Enter (X) for (P) portable printer and when heater for enclosure option (M) is not required.

#### Enclosures

- (M) RS232 input can be used for either ACE II or ACE-B shock mounted waterproof enclosure. (Meets MIL-STD-108) fiberglass. This enclosure is meant to mount in a semi-protected area such as the rear compartment of a tanker, protected away from frosted pipes.
- (P) Infrared input for ACE II only, battery powered portable printer for use with infrared window on ACE II located on the front panel. Printer may be hand carried or clipped on a belt. Supplied complete with a charger that plugs into a 12 VDC cigarette lighter.

#### Special Features

- (SP) Any special features that are not covered in the model number, use a written description of the -SP.

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The specifications contained herein are subject to change without notice and any user of said specifications should verify from the manufacturer that the specifications are currently in effect. Otherwise, the manufacturer assumes no responsibility for the use of specifications which may have been changed and are no longer in effect.

The quality system covering the design, manufacture and testing of our products is certified to International Standard ISO 9001.



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