Formula Wizard™

The complete data collection package

FEATURES

- All the hardware you need in a unique package:
  - Formula 732 Laser Terminal
  - Formula 952 RS232 Transceiver/Charger
  - Power-supply unit
  - Connection cable
- All the software you need on www.datalogic.com

APPLICATIONS

- Inventories, materials picking and general small-warehouse management
- Prices and descriptions check for assisted sales
- Data collection and transfer to POS

GENERAL DESCRIPTION

For the vast majority of small businesses and retailers, the complete **Formula Wizard™** package represents the simplest and most cost-effective solution for entering the world of bar code data acquisition.

The Formula 732 portable terminal with its integrated laser scanner is at the heart of the **Formula Wizard™** solution. Fast and reliable in reading the most common symbologies, it comes equipped with a handy 25-key alphanumeric keyboard and has a large display with icons. Data transfer to the PC takes place by simply placing the terminal into the Formula 952 Transceiver/Charger, which is equipped with a RS232 serial port.

By using the EasyGen™ software package, developers can quickly build personalized applications according to the required contexts by easily creating programs of average complexity in a Windows environment. The EasyGen™ Demo Version with five ready-to-use example applications can be downloaded from the Datalogic web site free of charge. It covers the most common operating requirements in data collection, assisted sales, inventory and goods picking, thus making the **Formula Wizard™** solution immediately productive.

The EasyGen™ package also includes Systools™ 2001 and OLE for Formula, the ActiveX software module that allows data to be integrated into applications such as Visual Basic, Excel, Access, Delphi, etc.

Furthermore, the Formula 732 terminals are fully programmable in C language using DS for Formula, thus solving even the most complex application needs.

Formula Wizard™: simple data collection for everybody.

DATALOGIC

MODELS AND ACCESSORIES

MODEL	DESCRIPTION	ORDER NO.
Formula Wizard™	Complete data collection package	94140400X
Formula Wizard™ Bundle	Complete data collection package + EasyGen™ package	94140401X
ACCESSORIES		
EasyGen™	Easy Application Generator Package for Formula batch terminals: F660, F725, F732, F734	94A104850
DS for Formula	Development system for Formula Basic Line	94A104860
CA51 compiler	8051 Compiler kit V6 for F6xx and F7xx	94A104890
Rubber Cover	Rubber protection cover F732/F734 BATCH	94ACC4650
FBK F732	Battery kit for Formula 732/B Laser Terminal	94ACC4610
FBS F732	Set of batteries for Formula 732/B Laser Terminal (5 pc pack)	94ACC4620
FLH F732	Leather holster	94ACC4010

x=1 - power supply for USA; 2 - power supply for Europe; 4 - power supply for UK; 5 - power supply for Australia

SPECIFICATIONS

OPERATIVE SYSTEM	Datalogic proprietary	READING ANGLES	±65° skew; ±55° pitch
PROCESSOR	8 bit CMOS	BAR CODES	EAN 8, EAN 13, UPC/A-E, 2/5 family,
PROGRAM MEMORY	64 KB Flash dedicated to the application program		Code 128, Code 93, Code 2/7, Code 3/5, 3/9 family, MSI, DELTA A IBM
DATA MEMORY	128 KB RAM for data	LASER CLASSIFICATION	VLD - Class II
DISPLAY	Graphic high-contrast LCD	SERIAL COMMUNICATION	Infrared (via optocoupler) between F732 and
SCREEN FORMAT	4 lines x 16 characters		F952, RS232 between F952 and PC or Host
KEYBOARD	Alphanumeric with 25 silicon rubber keys		Trasmission speed: 19,200 bit/sec
SIGNAL TO OPERATOR	Bicolor LED; Piezoelectric buzzer; programmable frequency and duration	POWER SOURCE	250 mAh NiCd rechargeable batteries
		AUTONOMY	18 h, with reading every 45"
CLOCK/CALENDAR	Quartz controlled RTC; programmable date and time	BATTERY CHARGING	Via Formula 952 Transceiver/Charger
		DIMENSIONS	165 x 56 x 32 mm (6.5 x 2.2 x 1.3 in)
SCANNING RATE	36 scans/sec	WEIGHT	184 g (6.5 oz)
MINIMUM RESOLUTION	0.15 mm (6 mils)	OPERATING TEMP.	0 to 50 °C (32 to 122 °F)
DEPTH OF FIELD	3 to 70 cm (1.2 to 27.6 in), depending on bar code thickness	DROP RESISTANCE	Resists drops onto concrete surface
		ENVIRONMENTAL PROTECTION	Industrial, protected against dust and water

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code e-volution

CE CSQ itqs

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