

IT2000 HHS

HACCP HANDWASH SUPERVISOR



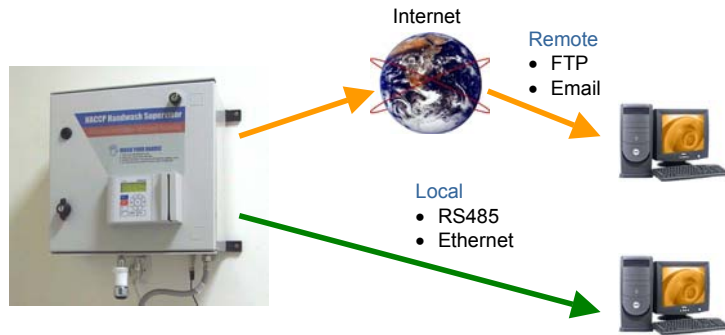
The **HACCP Handwash Supervisor (HHS)** is a handwashing apparatus with personell identification capability, based on the iT2000 ID terminal technology. Standard magnetic card and RFID card technology is used for personell identification.

Handwash cycle records are automatically transferred to the HHS data base application running on a PC (Windows 2000, XP). HHS features extended data transfer capabilities: RS485 network, Ethernet LAN & dial up internet FTP & Email data transfer.

HHS is user friendly...

The employee simply inserts his personal card and positions his hands under the taps. The apparatus delivers water and the proper dose of soap and optionally sanitizer. An ultrasonic sensor is used to track the proper hand positioning during the handwash cycle.

The LCD display guides the user through the washing procedure. HHS registers complete and incomplete handwash cycles for each employee in the internal FIFO memory.



IHS communication capabilities

Specifications

Electrical supply	
Voltage	240 VAC
Power rating	15 W
Personell identification media	<ul style="list-style-type: none"> • magnetic cards, ISO 7811 • 125 KHz or 13.56MHz RFID tags & cards
User terminal	
Display	4 x 20 character LCD with backlight
Keyboard	11 key membrane (alphanumeric entry)
Data Memory	Approx. 10.000 records
Internet Protocols	TCP/IP, DTP, POP3
Operation features	<ul style="list-style-type: none"> • Adjustable handwash cycle. • Periodical water tube cleaning procedure. • Start up and dispenser tube cleaning procedure. • Soap / sanitize bottle level monitoring and alarm.
Construction	
Water supply	2.0 bar, 0.5"
Water dispensing	5-240 sec, adjustable
Soap bottle capacity	1.2l max.
Sanitize bottle capacity	1.2l max.
Soap / sanitize dispensing	0.5-60 ml, adjustable
Dimensions	400 x 400 x 200 mm (W x H x D)
Construction	Polyester RAL 9002 or stainless steel case

Types:

IHS-P-x-y: HACCP Handwash Supervisor, polyester case

IHS-S-x-y: HACCP Handwash Supervisor, stainless steel case

x= 1: one peristaltic pump (soap dispensing)

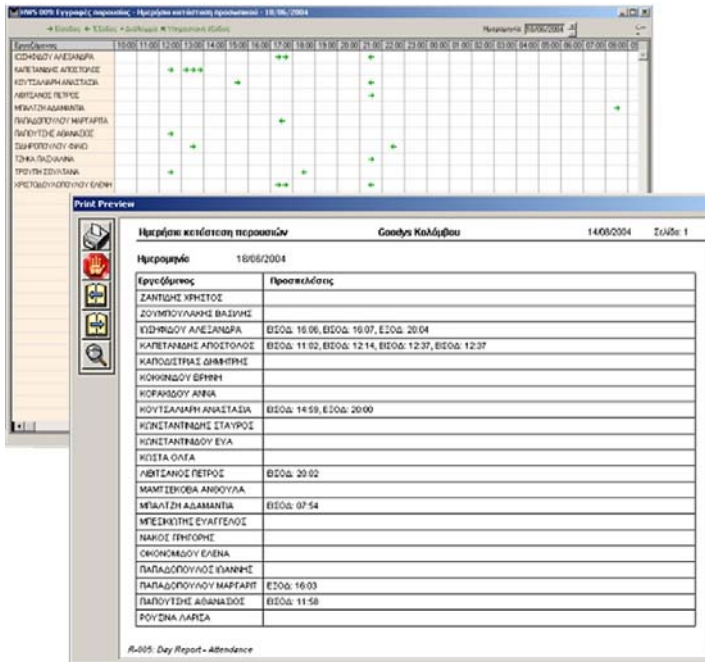
2: two peristaltic pumps (soap & sanitize dispensing)

y= L: Magnetic card reader

R: RFID reader

Software

iT2000-HHS Manager™



The iT2000-HHS Manager™ software is a modern application for Microsoft Windows 2000, XP, or NT (Windows Me, 98, 95 are not recommended although supported)

The application offers local user functions regarding data management of employee hand wash cycle transactions and iT200-HHS apparatus commissioning and parameter setting.

It includes functions such as:

- Automatic iT2000-HHS file import by connecting to an Internet FTP and/or Email server.
- Data storage on a built in relational database.
- Data visualization using tables, graphic tables,, etc. for selected employees and time periods.
- Screen and printer reports of data and graphic tables.
- Export of reports and data to popular formats such as Word, Excel, Access, ASCII.
- Remote iT2000-HHS apparatus commissioning and parameters setting.

The application can function as a stand alone or a Client/Server application, fully incorporating all the advantages of modern networking such as the Internet and IP based telecommunications.

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