FOSTEN
AUTOMATION

**F500-HTCON
4-20mA**

F500-HTCON
Portable Configurator
is Robust

HART COMMUNICATION PROTOCOL

INDEX

1. GENERAL DESCRIPTION

The **F500-HTCON** portable configurator is robust, simple and easy to use, ideal for configuring instruments with Hart communication. It consists of a Hart usb interface or modem (**F500-HIUSB**) and a robust, high-performance, dust, water and shock resistant tablet. Ideal for using in the field or even in laboratory conditions, the **F500-HTCON** leaves the factory pre-configured with Pactware and Hart Config Tool softwares. DTM's from leading manufacturers are also installed, making day-to-day use even easier.

2. MAIN APPLICATIONS

- Sugar and Alcohol
- Fertilizers
- Chemistry
- Food and Beverages
- Petrochemical
- Pharmaceutical
- Energy
- Plastic
- Among others

3. TECHNICAL CHARACTERISTICS

The following are the main technical characteristics of the **F500-HTCON** portable Hart Configurator.

Interface / Modem Hart	F500-HIUSB (optional – it can have a Bluetooth interface)
Programmer	Robust Tablet
Operational System	Windows
Display	8 inches
Shock resistant	Yes (Drops up to 1 meter high)
Water and dust resistant	Yes (degree of protection IP65)
Storage	32 GB (Minimum)
Memory	2 GB (Minimum)
Battery life	5 hours
Wireless net	Yes
USB Port	Yes
Softwares	Pactware and Hart Config Tool

4. HART INTERFACE USB F500-HIUSB

The **F500-HIUSB** is an interface or modem for configuring instruments with the Hart communication protocol. It is the ideal choice for engineers and technicians who provide services in the laboratory or in the field, as with this equipment it is possible to easily diagnose, configure or monitor the Hart instrument through a computer, notebook or tablet, as long as it has a USB port available and Windows operating system.

IMPORTANT

Before starting to use the F500-HIUSB interface, it is necessary to install the communication driver.

Below there are the main technical features of the interface:

Compatibility	Usb port 1.1 ou 2.0
Conector	Type B
LED indicators	Yes, for power and data transmission
Connection with Hart instrument without polarity	Yes
Consume	5 VDC @ 20 mA
Isolation	Via transformer
Insulation resistance	≥ 20 MΩ
Compatible operating system	Windows, XP, 2003, Vista, 7, 8, 10 versions.
Cable length	1,5 meters
Cable termination	Via hooks/claws

5. SALES CODES

Below we have the sale codes for purchasing.

PRODUCT				
F500-HTCON	: Rugged Configurator Hart			
.	**TABLET**			
.	R	: Rugged Tablet With Windows		
.	.	**HART MODEM**		
.	.	1	: Usb (F500-HIUSB)	
.	.	.	**SOFTWARE**	
.	.	.	P	: Pactware (with the main DTMs) + Hart Config Tool
.	.	.	.	
F500-HTCON	**R**	**1**	**P**	

6. WARRANTY

The **F500-HTCON** Hart portable configurator has a 12 month warranty.
Such warranty becomes invalid once the following situations are detected:
- Incorrect installation of the instrument
- Use in inappropriate applications
- Mechanical damage by impacts

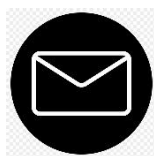Electrical damage as a result of damage from other instruments in the industrial plant.

VERSION JAN2022 - 00

FOSTEN AUTOMATION
Avenida Marginal Maurílio Bacega, 2652
Sertãozinho / SP

comercial@fosten.com.br

(16) 3511-9800