

GENERAL

ALIACOM AHT53NT is a battery-powered, hand-held unit designed to configure, calibrate and troubleshoot to smart transmitter either remotely or nearby. AHT53NT allows you to establish communication with a Hart field instrument over the existing 4-20 mA DC lines, covering the five process variables of flow, pressure, temperature and level, control valve etc.

FEATURES

- Common to most smart field Instruments
- AA alkaline batteries or rechargeable battery available
- Battery operation time more than 100 Hours
- Low battery alarm
- Self-check function / Automatic power-off
- Large display (21 characters by 8 lines)
- Microprocessor-based field communicator
- USB port to charge

STANDARD SPECIFICATION

- Display : LCD dot matrix, 21 characters * 8 lines
- Keypad : 20 general keys, one power switch
- Signal Connection : Alligator clip or grabber clip
Cable Length : 1.5 M
- Function : Display, setup and alteration of parameter
: Zero point adjustment, calibration
: Auto power-off
- Communication Line
Line length : Up to 1500 M
Load Resistance : 250 to 600 ohm
Load Capacitance : Less than 0.22 uF
Load Inductance : Less than 3.3 mH
- Power Consumption : 191.3mA (Working state)
: 1uA (Power-off state)
- Material :
Case : ABS resin
Keyboard : Polycarbonate
- Protection Class : IP54
- Operating Temperature : -20 °C ~ 55 °C
- Storage Temperature : -20 °C ~ 65 °C
- Ambient Humidity : 90% RH or less



- Power
Battery : Three AA alkaline Batteries
: Three Ni-MH Batteries (Rechargeable)
Operable Time : Alkaline Battery: Up to 150 Hours
: Ni-MH battery: Up to 100 Hours
Charge up time : Less than 12 Hours
- Dimensions : 231mm(L) x 102mm(W) x 61mm (H)
- Battery Charger : USB connect with computer
: 90-260 VAC, 50/60 Hz
- Weight : 0.4Kg (Communicator)
: 1 Kg (Including accessories)
- Standard Package :
: ATH53NT Hart Communicator * 1 set
: Communication cable 1.5m * 1 pair
: USB connector 1.5M (Charge) * 1 set
: Ni-MH Battery 1.5V * 3 pcs
: Power Adapter 90-260Vac * 1 set
: Alligator Clip * 1 pair
: Grabber clip * 1 pair
: Shoulder bag * 1 set

ACCESSORIES



APPLICATION

