

Meter Mounted Battery Operated Flow Indicator Model UFT 9000

Smooth Flowmeters



Features:

- ◆ Accepts Inputs From: Magnetic Pickup Sensor
DC Pulses from Flowmeters.
- ◆ Displays Rate & Total Simultaneously
6 Digit Rate Display, 8 Digit Totalizer Display
- ◆ 4-20mA Analog Output
- ◆ Nonvolatile Flash Memory
- ◆ RS 485 Modbus Communication
- ◆ Powered From Internal Lithium Battery.
- ◆ 10 Point Linearization
- ◆ External 24 VDC \pm 10%

Description:

Power

BATTERY POWERED

Current: Less than 1 mA

EXTERNAL POWER INPUT

Voltage: 24 VDC \pm 10%

Current: Less than 80 mA

Supplied with 1D (19Ah) size lithium battery. Protection:

Reverse Polarity Protection on DC Power Input

INPUT

MAGNETIC PICKUP INPUT

Frequency Range: 0 to 5000 Hz

Trigger Sensitivity: 30 mV p-p

DC Pulse Input

High (logic 1): 24 VDC

Low (logic 0): 0 VDC

Minimum Current: .5 mA

DISPLAY

Flow Rate Display : (selectable decimal up to 2)
6 Digits (999999), 16 x 2 Line LCD Display First Line for
Flow Rate & Display updates once per second ,
Rate can select /SEC, /MIN, /HR

Totalizer Display : (selectable decimal up to 2)
8 Digits (99999999), Totalizer can select : mL, LIT, M3
RESET – with Front panel Key and Remote Pulse
Warning Displays: Low battery warning

OPERATING TEMPERATURE

-20°C to 70°C

HUMIDITY

0 - 90% Noncondensing

K-FACTOR

Range: 0.001 to 99999999

Decimal Point Locations: XXXX.XXXX to XXXXXXXX

ANALOG OUTPUT

Type: 4-20 mA follows Flow Rate display, Two wire hookup

Accuracy: 0.1% Full Scale.

Serial Communication

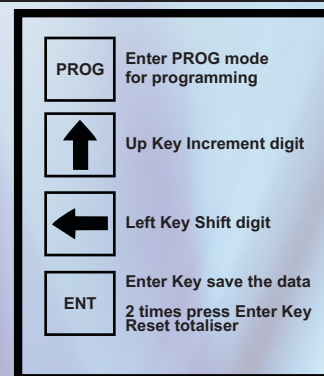
The Serial Port can be used for serial printing or for Data Acquisition. The Unit can Communication with a master device through a Modbus –RTU Protocol.

Lockout

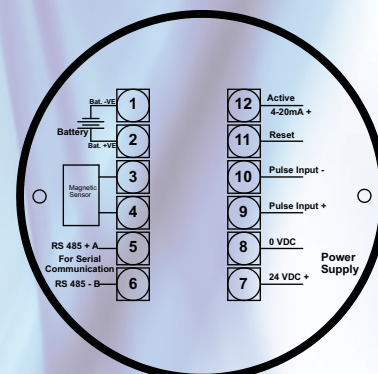
The unit Program can be protected with a lock code to prevent unauthorized front panel changes. The code can be assigned with a maximum of 4 digit and is user selectable. It can be entered through front panel.

Function Keys

The UFT 9000 has 4 keys. The table below given a brief description of the keys and their functions.



Terminal Details



We Measure And Control Every Drop & Molecule



ABOUT SMOOTH FLOWMETERS

The industries have now become more advanced and thanks to the highly developed solutions providers!!! One such name is Smooth Flowmeters. As the very name implies, our company deals with flow meters required by many industries to accurately monitor, measure and control the flow. Mr. Sushant Sahu, the Founder of Smooth Flowmeters, established the company in 2012 with a dream to serve efficiently as a manufacturer, importer & exporter of Flow meters such as Turbine Flowmeter, Electromagnetic Flowmeter Hydraulic oil Flowmeter and the so on. The driving force of our company is the pioneering spirit of the founder & promoter and the zeal to achieve complete satisfaction of our customers. Apart from creating our own range, we partnered with a German based company – KRACHT GmbH. The products range from KRACHT Gear and Screw type PD Flowmeters. Besides this, In 2014, M/S EPO Signal, Russia also partnered with us to market their products like Ultrasonic based air and gas Flowmeters and EVC. Also, we provide the After Sales Service.

OUR INFRASTRUCTURE

Smooth Flowmeters is a company which deals with a complete flow and pressure measurement solutions to various Industries. Our large factory is located in a prime location of Thane, a city in the Indian state of Maharashtra. The manufacturing of flowmeters is carried out by making use of progressive tools and equipments. The facility is upgraded a several times since establishment to keep it in pace with the latest technology to meet the increasing requirements. The units wherein the operations are conducted are:

R&D unit

Manufacturing unit

Quality testing unit

Warehouse and packaging unit

HISTORY

Previously, the Company started with commissioning and After Sales Services of Instruments. Wherein, the customers started relying on our services, we expanded our domains by entering into manufacturing and marketing field. The founder, an Instrumentation Engineer, utilized his more than 12 years of on-site experience of handling Flowmeters, Gas Meters and Regulating skid to start his own business. He leveraged his knowledge, skills and experience in oil and gas sector to grow his business.

WATER FLOW CALIBRATION SETUP

Smooth Flowmeters is having a well equipped Calibration Laboratory. The system is designed in standard (ISO-RP-31) Gravimetric Method with master weighing Scale. The calibration is done on the most precise weighing scale having least count of 100 gms on the maximum scale of 2000 Kgs. 10gms on the maximum scale of 100 Kgs. Both Weighing Scales are Calibrated in NABL Accreditation LAB. The Weighing Scale accuracy is endorsed by the Weights & Measures Dept. of Govt. of Maharashtra. The setup is designed for calibration of size ranging from 10 mm to 150 mm. We do 100% Calibration of each unit at our precise calibration setup.

OTHER FLOWMETERS FROM SMOOTH



Turbine Flowmeters



Electromagnetic Flowmeters



Hydraulic Oil Tester



Screw Type PD Flowmeter



Ultrasonic Gas Flowmeter

Note: Development Dictates That From Time To Time The Data Shown Above Is Subject To Change Without Notice..pl Obtain A Offer.

Smooth Flowmeters

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