

# Intelligent Flow Computer

**MYKO ELECTRONICS PVT. LTD.** Design and developed all in one flow Computer for all flow meter available in market,

**its** use for all flow measuring application like measuring of : liquid volume, liquid mass, gas volume, gas mass, saturated vapor, superheated vapor and vapor auto,

- Flow compensation** with pressure, temperature and standard density
- Self test facility and self diagnosis facility
- 3 level password protection

## Features & technical data

*Inbuilt large storage capacity: day and month record 5 years, and year record: 20 years, Data logging time : manual program HH:MM:SS, or automatic when flow start and stop, facility to read all data at display screen through menu key, data synchronize from flow computer to USB drive with USB PORT*

Dimension : 96\*96/48\*48/180\*80mm (Horizontal)

Input :

1)flow : pulse input : rectangular/sine and triangle  
: current : 0 to 10, 4 to 20 mA,

2)Pressure & temp. comp.

- : Thermocouple any
- : RTD PT 100
- : 0 TO 10mA, 4 to 20mA,

Output: analogue output : 0 TO 10mA, 4 to 20mA,

- : communication: RS 232/RS485, Ethernet
- : switch : 2 alarm with hysteresis ( 230v ac/24v dc)
- : pulse output
- : free output: 24v dc and 12v dc

Display : backlit 128\*64 lattice LCD,

- : Display flow rate, flow total, energy, power, temp, pressure, density, medium heat enthalpy, time, Diff. pressure, date, time, alarm status
- 48\*48 display OLED

Measuring range: -999999 to 999999 flow rate  
: 0 to 99999999.9999 flow total

Accuracy : 0.2% FS +/- 1 D

Power supply: AC 220V /24V DC

Printer : through RS 232 to Thermal printer

Operating temp : -20 to 60 deg c

Power consumption: less than 10 W

Protection: after power off total remained up to 20 year,

- : power supply low AUTO reset
- : abnormal working auto reset ( watch dog function)
- : short circuit protection
- : self heating fuse



Over all above flow computer is use for any fluid,gas and vapor measurement and control.