



## EFCON<sup>®</sup> Jazz

Display	2 lines 16 characters, 16 keys Totalizer 300000,00 m <sup>3</sup> max (autom. resets)
I/O hardware	8 digital inputs, 4 analog inputs, 11 relay outputs
Basic operation	Manual sample button, next container button, Reset button
Flow signal	Pulse / current / pulse + current
Pulse input	0,01 – 100,00 m <sup>3</sup>
Current	20mA = 1,0 – 360,0 m <sup>3</sup> /h
2x digital inputs	(free config.) Program on/off, Start program, Stop program, take sample, next container, cool-on
Output	1x Relay Contact output (free config.). 2 <sup>nd</sup> optional General alarm, sample alarm, sampling active, sample ok, high temperature, sample error, 1m3 Pulse, 0,1 m3 pulse, 0,01 m3 pulse, containers full
Registration	On display 24 lines basic registration
Sample principle	ILS, Vacuum and Peristaltic
Sample program	Volume / time / trigger timer
Sample interval	0,01 – 250,00 m <sup>3</sup> / sample 2 – 250 minutes / sample
Max error samples	0 – 999
Sample Volume	Depending on sampler technique
Suction Sampler	Purge time 1- 99 sec Max suction time 1- 99 sec Dose time 1 – 99 sec
ILS Settings	Activation time 1 – 99 sec
Turn time	00:00 – 23:59 Select day (MTWTFSS)
Turn Interval	00:00:00 – 99:59:59 (HH:MM:SS)
Container config.	1 – 24 containers, volume 0,01 – 99,99 l
Overflow protect.	Yes
Program settings	Start program according date/time Stop program according date/time
Stop after container	0 – 99 (0= Off)
Password	Yes, (1-9999)
Date & time	Changeable
Cool-Unit	2-5° C with defrost setting xx min per xx hour
ECO-Cool	Optional on direct puls or fake puls
BUS Systems	Optional MODBUS or PROFIBUS

## EFCON<sup>®</sup> Vision

- 8 Lines 128x64 2,4" Display, 20 keys
- Totalizer

**Basic functions almost the same as the Jazz with extra options.  
Better HMI and used in customized applications.**

- 2000 log lines
- Data Logging on Micro SD Card
- Extra analytical inputs pH, DO, Con etc. (optional)

Pump control for 1 or 2 pumps with or without alternating functioning  
Input for level via EFCON<sup>®</sup> level sensor.

Full 1 year calendar for programmed sampling per 24 hours  
(interval daysampling).

24 hour flow vericator check on (a.o. MID) flowmeters operating in their  
correct measuring/operating range securing correct functioning of the  
billing purpose flowmeter.

### Optional

Bubbler or ultrasonic open channel flowmeter function  
V-Notch 28° - 53° - 90°

Strait wire

Venturi inlet width	0000 mm
Throat width	0000 mm
Throat length	0000 mm
Gravity	9.81 m/s2 (adjustable)

Formula 1 :  $Q = C \times (R) H^3 \times 3600$

Formula 2 :  $Q = C \times H_e \times 3600$

Data table over 24 points

- Ethernet connection
- Wi-Fi connection
- UMTS connection with modem