



## Fossomatic™ FC

### Performance

Measuring range	0 – 10 mill cells/ml
Performance range	0.1 – 1.5 mill
Repeatability	$C_v < 7\%$ at 100.000 $C_v < 5\%$ at 300.000 $C_v < 4\%$ at 500.000
Repeatability with precision setup in use	$C_v < 3.5\%$ at 100.000 $C_v < 2.5\%$ at 300.000 $C_v < 2\%$ at 500.000
Accuracy	< 10% relative mean diff. from DMCC
Carry-over	< 1% relative usually below 0.4%
Measuring speed (samples/hour)	Model FC600: 600 Model FC500: 500 Model FC400: 400 Model FC300: 300 Model FC200: 200
Sample types	Cows milk, goats milk etc.
Sample volume	2.5 ml (programmable 2.0 – 5.0 ml)
Sample temperature	30 - 42°C
Working factor	300 or better

\*  $C_v$  = Coefficient of variation

## Installation requirements

	Fossomatic FC	Conveyor 4000
Dimensions (HxWxD)	63 x 85 x 68 cm	72-95 x 230 x 28 cm
Weight	100 kg	57 kg
Power supply	100 - 240 VAC, 50/60 Hz	115/230 VAC, 50/60 Hz
Power consumption	Max. 800 VA	Max. 500 VA
Installation category	II	
Compressed air	None	4.0 – 7.2 bar
Air consumption	-	0.2 N litre per minute
Ambient temperature	15 - 33°C	15 - 33°C
Degree of protection:	IP 20	
Pollution degree:	2	
Noise level:	< 70 dB(A)	

## Standards and approvals

Fossomatic FC is CE-labelled and complies with the following directives:

- EMC (Electromagnetic Compatibility) Directive 89/336/EEC
- LVD (Low Voltage Directive) 73/23/EEC
- MD (Machine Directive) 98/37/EEC
- Preparation Directive 88/379/EEC
- International IDF Standard 148A:1995
- AOAC (Association of Analytical Chemists)

## Dedicated Analytical Solutions

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