

Tabletop peristaltic filling machine

PF7

Flexicon Liquid Filling

FEATURES AND BENEFITS

- Excellent repeatability with filling accuracy better than $\pm 0.5\%$
- Precision filling from volumes as low as 0.2ml
- Up to 200 recipes and 50 users can be stored in memory
- Low pulse peristaltic pumphead optimised for Accusil high precision tubing
- Clear, simple interface designed for use in cleanroom environments
- USB connectivity with balances and printers allows for error-free calibration and batch reporting to help compliance to GMP and regulatory demands



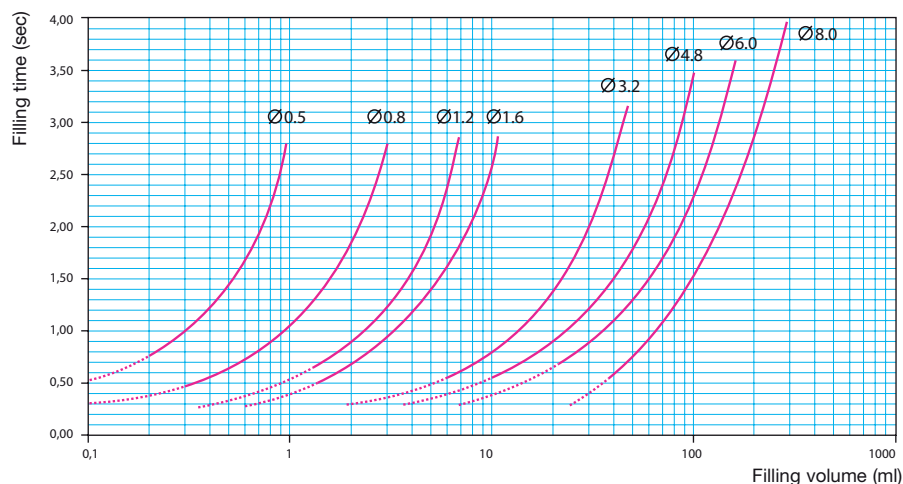
Flexicon...Filled with experience

TECHNICAL DATA

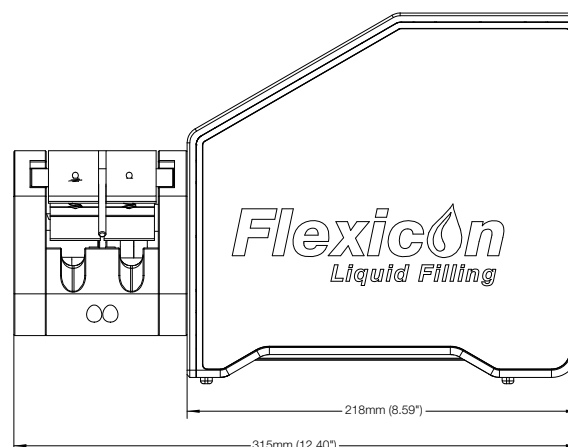
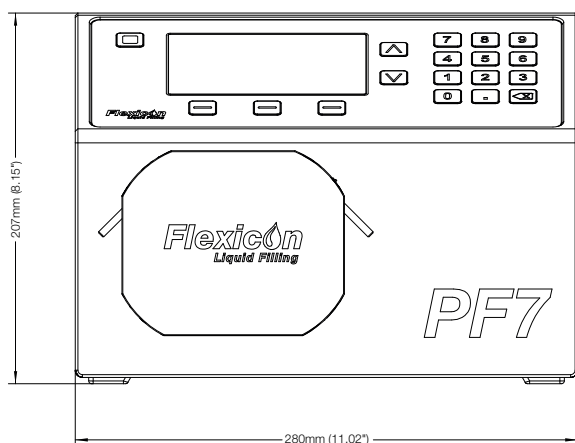
PF7	
Enclosure	
Ingress protection rating	IP32 / NEMA 2
Approved cleaning substances	VHP, 6% Hydrogen peroxide in water; Formaldehyde containing cleaning agents; 70% alcohol
Control	
Choice of parameters	Manual or guided set-up
Character input	Alpha numeric via keypad
Remote control	Foot switch, FlexFeed 15, 20 and 30
Digital communication	
Printer	USB 2.0
Balance	USB 2.0
User handling	
User types	Administrator and Operator
Security	PIN code protected users log in
Restrictions	All parameters can be restricted for the operator

PERFORMANCE

PF7 – capacity diagram (based on water)



DIMENSIONS



TECHNICAL SPECIFICATION

PF7	
Ingress rating	IP32 / NEMA 2
Enclosure	Wipedown
Suitability	Suitable for dry biotechnology and pharmaceutical manufacturing environments
Humidity	(Non-condensing) 80% up to 31C (88F), decreasingly linearly to 50% at 40C (104F)
Temperature	5C to 40C (41F to 104F)
Pump weight	12.5 kg (27lb 56oz)
Speed control ratio	3700:1
Noise	<70db (A) at 1m
Standards	CE, cETLus
Power consumption	140VA
Supply voltage	Filtered 100-120V/200-240V 50/60Hz 1pH
Full load current	<0.6A @ 230V; <1.25A @ 115V
Fuse rating	Ceramic, 5 x 20mm, 2.5A, 250V AC, Time Delay

MATERIALS OF CONSTRUCTION

Pump	
Component	Material
Keypad	Polyester
HMI Screen	Polycarbonate
Casing	Anodised aluminum, EN AW-6060 T66
Side inner panels	ABS (Acrylonitrile butadiene styrene)
Side outer panels	Anodised aluminum
Feet	Silicone rubber
Rotor shaft	Stainless Steel ANSI 304

Pumphead	
Component	Material
Pump head casing	Anodised aluminum EN AW-5754
Rollers	Stainless steel ANSI 304
Tube bridge	Anodised aluminium EN AW-5754
Safety switch	Proximity switch and neodymium magnet

ORDER INFORMATION

Pump product codes	
Description	Partcode
PF7 Peristaltic Filler	91-060-00X*
PF7 Foot Switch	88-010-040
Filling Stand	81-100-200
PF7 IOQ Protocol	74-156-430
PF7 IOQ Execution	74-156-431
FlexFeed 15	92-160-000
FlexFeed 20	92-170-000
FlexFeed 30	Contact local sales office

*X represents one of the plug options from the table below:

Plug options
U: UK mains plug
E: EU mains plug
A: American mains plug
K: Australia mains plug
R: Argentina mains plug
C: Swiss mains plug
D: India/South Africa mains plug
B: Brazilian mains plug

Accusil platinum-cured tube ordering codes			
Bore / mm (in)	Wall / mm (in)	Length / m (ft)	Part code
0.5 (1/50)	1.6 (1/16)	10 (32.8)	84-103-005
		150 (492.1)	84-104-005
0.8 (1/32)	1.6 (1/16)	10 (32.8)	84-103-008
		150 (492.1)	84-104-008
1.2 (3/64)	1.6 (1/16)	10 (32.8)	84-103-012
		150 (492.1)	84-104-012
1.6 (1/16)	1.6 (1/16)	10 (32.8)	84-103-016
		150 (492.1)	84-104-016
3.2 (1/8)	1.8 (1/14)	10 (32.8)	84-103-032
		150 (492.1)	84-104-032
4.8 (3/16)	2.0 (10/127)	10 (32.8)	84-103-048
		125 (410.1)	84-104-048
6.0 (6/25)	2.1 (10/127)	10 (32.8)	84-103-060
		90 (290.3)	84-104-060
8.0 (5/16)	2.2 (2/23)	10 (32.8)	84-103-080
		65 (213.2)	84-104-080

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Liquid Filling

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