

Keep your BioFlo®
110 or 115 vessels
and save on a new
BioFlo 120



New for Old

Save on your new BioFlo 120 by reusing your existing vessels

Keep your existing BioFlo 110 or 115 vessel kits and upgrade to our newest bioprocess control station. Convert your legacy equipment now and benefit from the advanced features of the BioFlo 120 with our special conversion bundles.

- > Push-button Auto Culture modes for microbial and cell culture applications
- > Flexible operation with glass or BioBLU® Single-Use Vessels
- > Scalable expanded working volume range (250 mL – 40 L)
- > Universal connections for digital and analog sensors
- > Space-saving compact design for quick and easy installation

Compare and Convert:

Technical data

	BioFlo® 120	BioFlo®/CelliGen® 115	BioFlo® 110
Single-use vessels	Expanded working range of 250 mL – 40 L (incl. BioBLU 1c/f)	Via adaptor kits: 1.75 L – 40 L (BioBLU 3c/f, 5p, 14c, 50c)	–
Sensors	pH, redox, CO ₂ , DO, Optical DO: analog and digital Mettler Toledo® ISM	pH and DO: analog only	pH and DO: analog only
Control software	Universal control strategy; Automated control modes (O ₂ /N ₂ , 3-gas, 4-gas)	Fermentation and cell culture modes; No automated gas mixing modes	Fermentation and cell culture modes; No automated gas mixing modes
1-touch process control	Auto Culture modes for microbial and cell culture applications	–	–
Agitation	Uni-directional direct drive Bi-directional magnetic drive Expanded agitation range*	Uni-directional direct and magnetic drives	Uni-directional direct and magnetic drives
Pumps	3x Watson-Marlow® easy load pumps (114DV)	3x Watson-Marlow (U-channel) pumps (102R)	3x Watson-Marlow (U-channel) pumps (102R)
Integrated Analog I/O	3x included with advanced model	–	–
Footprint	Space-saving compact design: 24 cm (9.5 in) wide	40 cm (16 in) wide	30.5 cm (12 in) wide

* For more details see our product brochure »Keep Growing«.

Ordering information BioFlo® 120 Conversion Bundles

Description	Existing BioFlo®/CelliGen® 110 or 115 vessel	Existing agitation motor	Order no.
1 L heat-blanketed		Direct drive	B120110000
2 L heat-blanketed		Direct drive	B120110001
5 L heat-blanketed		Direct drive	B120110002
10 L heat-blanketed		Direct drive	B120110003
1 L/2 L water-jacketed		Direct drive	B120110004
5 L/10 L water-jacketed		Direct drive	B120110005
1 L heat-blanketed		Magnetic drive	B120110006
2 L heat-blanketed		Magnetic drive	B120110007
5 L heat-blanketed		Magnetic drive	B120110008
10 L heat-blanketed		Magnetic drive	B120110009
1 L/2 L water-jacketed		Magnetic drive	B120110010
5 L/10 L water-jacketed		Magnetic drive	B120110011

For BioFlo® 120 control station ordering information see www.eppendorf.com/BioFlo120 or contact your local sales representative.

»A very user-friendly system, which is self-explanatory.«

Hamid Tehrani, RWTH Aachen University



To establish an efficient production process for itaconate, researchers at the RWTH Aachen have previously optimized fermentation of a metabolically engineered fungal strain, and produced itaconate in high-density fed-batch processes controlled by a BioFlo 115 bioprocess control station. Download the application note by scanning the QR code on the left or going to www.eppendorf.com/appnote309 and read how they successfully transferred the process to a BioFlo 120.

Your local distributor: www.eppendorf.com/contact

Eppendorf AG · 22331 Hamburg · Germany
eppendorf@eppendorf.com · www.eppendorf.com

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