TRESU InkFlex

Flexible and easy handling with great performance

Versatile TRESU InkFlex circulator for easy handling and automated water-based printing applications

- Fast and easy operation with intuitive user-friendly HMI interface
- Two air operated double diaphragm pumps for wide range of WB printing applications
- Digital flowmeter for accurate flow- and temperature measurements
- Automated wash and detergents operation for improved uptime
- Reduced micro-foaming with TRESU pressure control technology
- Buy modules you need now – no more, no less: Modular platform with swift activation of already built-in features if future printing needs change
- Indicative maintenance information based on number of pump strokes
- Strong construction with TRESU flexo know-how and quality parts inside
- Optional Industry 4.0 connectivity integrating with any OEM technology

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TECHNICAL SPECIFICATIONS

APPLICATION	• Fluids	Water-based
	• Chamber system	Open/closed
OPERATIONAL RANGE	• Max flow	Up to 14 [l/min]
	• Max viscosity	24 Sec. [DIN4 CUP]
		70 [cP]
POWER	• Max power consumption	150 W
AIR	• Air consumption: max fluid flow	150 l/min
	• Air consumption: standard fluid flow	130 l/min
PRESSURE	• Pressure control range	-100/250 mBar
WASTE CONSUMPTION	• Ink waste	Up to 10% of total volume
	• Water waste quick wash	2 x total vol.
	• Cleaning time quick wash	~ 5 min
	• Water waste intensive wash	3 x total vol.
	• Cleaning time intensive wash	~ 10 min
		4 x total vol.
		~ 15 min
CLOSED CHAMBER SYSTEM	• Standard operational pressure	15 [mBar] – 30 [mBar]
	• Max chamber pressure	500 [mbar]
OPTIONS	• Remote access • External bus interface • Chamber control • Oem integration and design • Detergent pump • Auto refill • Pressure control • Agitator / stirrer • Ink level survaliance by scale	