

LIQUID FRACTIONATION CONTROL

Precise Pressure-Based Separation of Layered Liquid Samples

BENEFITS



Pressure-Based Detection



Speed and Efficiency



Full Sample Traceability



Customizable Output Files



Sample Tube Type Flexibility



Peripheral Mononuclear Cell Workflows Available



Direct Visual Path for Sample Tubes Not Required



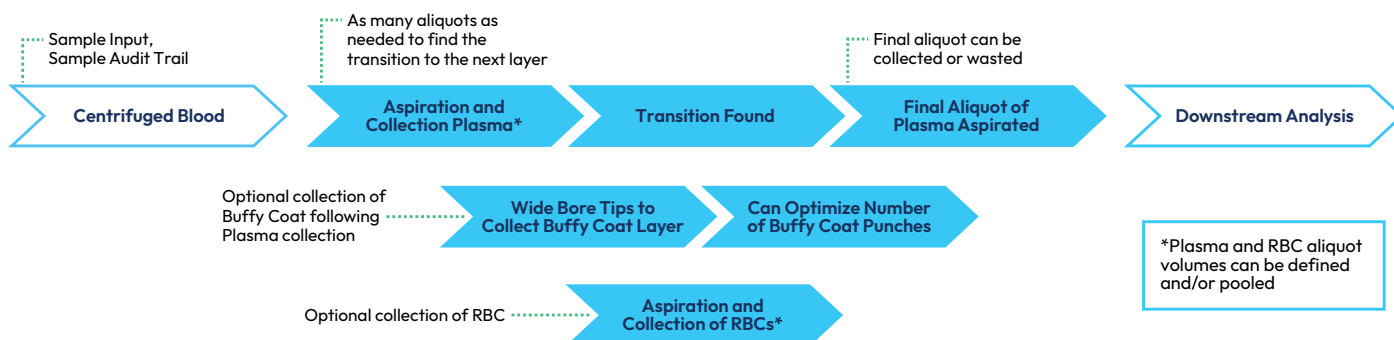
Utilizes Existing Hamilton Software and Hardware



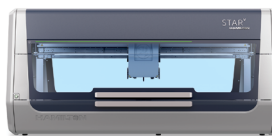
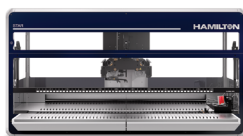
Overview

Liquid Fractionation Control is a pressure-based monitoring method to detect liquid-liquid interfaces in samples like centrifuged blood and other layered solutions. Utilizing Hamilton's Total Aspiration and Dispense Monitoring (TADM) technology, Liquid Fractionation can simultaneously identify, separate, and pipette up to 16 samples into various labware targets. Aliquot volumes can be defined or pooled depending on downstream requirements. Streamline your fractionation workflows more accurately and efficiently with Liquid Fractionation Control.

Liquid Fractionation Control Workflow



Hamilton Automated Platform Compatibility



	Microlab STAR	Microlab STARV	Microlab VANTAGE
Size (Width)	1.5 and 1.0 m	2.0 m and 1.3 m	2.0 m and 1.3 m
Pipetting Option (max. Number)	1000 μ L, 5 mL Channels (16, 8)	1000 μ L, 5 mL, MagPip Channels (16, 8, 8)	1000 μ L, 5 mL, MagPip Channels (16, 8, 8)
Multi-Probe Head Option	96 or 384	96 and/or 384	96 and/or 384
Volume Range	1 μ L - 5000 μ L	0.35 μ L - 5000 μ L	0.35 μ L - 5000 μ L
Sample Tracking	with Autoload Barcode Scanner	with Autoload Barcode Scanner	with Autoload Barcode Scanner
Sample Loading	Automatic, Continuous	Automatic	Automatic
Device Integration	180° (Left and Right)	270° (Left, Right, and Rear)	360° (Left, Right, Rear, and Below)
Capacity (ANSI/SLAS Plates)	45 or 25	60 or 35	60 or 35
Software	New VENUS Software	New VENUS Software	New VENUS Software

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