

VRC-MIX HP



VRC - MIX HIGH PRESSURE Advanced Variable Ratio Electronic Two Component Equipment

FEATURES

- **Accurate**
Component metering by pump & precision metering valves
- **Reliable**
Online mixing ratio assurance
- **Remote mixing manifold**
Can be kept closer to spray gun for minimum mixed material in the system
- **Field proven pumps**
High performance, easy to maintain pumps for material & flushing
- **Simple & Easy to use**
User friendly operator interface
- **Portable**
Mounted on tyre wheel cart including solvent pump easy to move
- **Material usage reporting**
- **Material Heating devices can be easily added**



FEATURES & SPECIFICATIONS

Features	Standard	Optional (On Request)
Mix ratio range	Up to 10.0 : 1 in 0.1 increment	-
Application	Airless / Air assisted Airless	-
Flow rate	Maximum 6.8 liters per minute	Higher flow rates
Maximum fluid pressure	450 bar	-
Air pressure requirement	4 -7 bar	-
Electrical power requirement	240 V Ac 50 Hz Single Phase	Built - in generator (Operates without electric supply)
Material usage reporting	-	Reporting of component consumption accumulative. + day consumption
Pot life monitoring	Pot life monitoring of mixed material	-
Pressure monitoring	-	Online system health checking by pressure monitoring
Level monitoring	-	Online container level monitoring based on material consumption
Communication	-	RS 232 communication port for printer/network/PC.Protocol Modbus
Operator interface	Hardware key for ratio setting	Touch screen graphical display with audio-visual alarm system

Comprehensive fault generation & system response

Faults	Alarm	System Response
Off-mixing ratio (Standard)	Audio + Visual alarm with text message	Auto shut off
Pot life nearing to end (Standard)	Audio + Visual alarm with text message	-
Pot life end (Standard)	Audio + Visual alarm with text message	Auto shut off
Container nearing to empty (Optional)	Audio + Visual alarm with text message	-
Container empty (Optional)	Audio + Visual alarm with text message	Auto shut off
Surpass of set pressure limits (Optional)	Audio + Visual alarm with text message	Auto shut off
Other system faults & interlocks	Audio + Visual alarm with text message	-



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