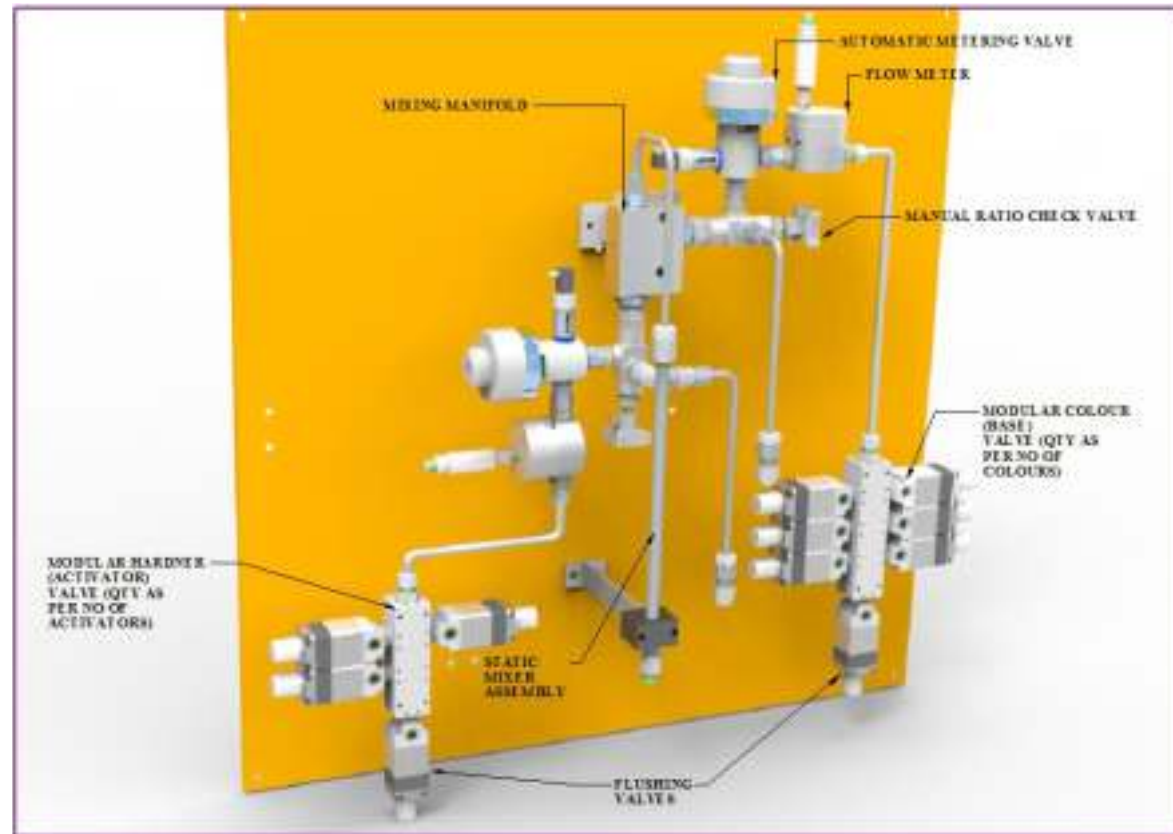
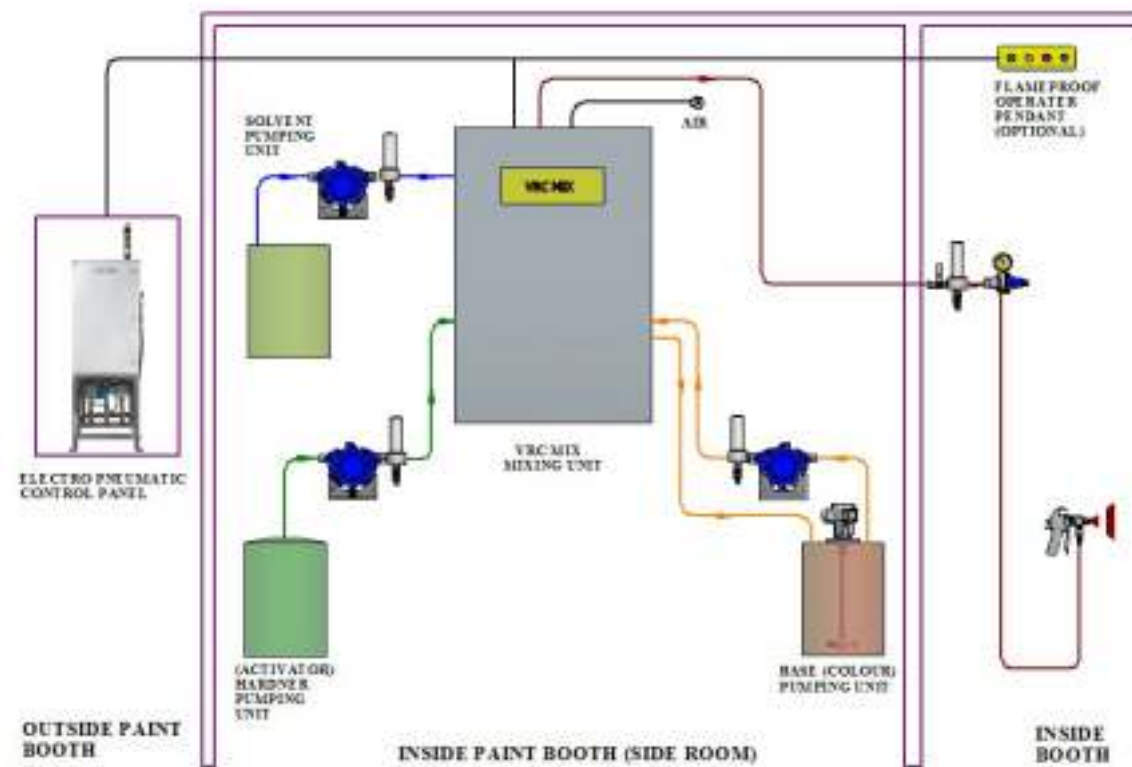


## INSIDE MIXING UNIT



## TYPICAL INSTALLATION



# VRC-MIX (Low & Medium) pressure

For Air Spray & Air Assisted airless spray



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# VRC-MIX (Low & Medium) pressure

Advanced Variable ratio Electronic  
Two component equipment



**Accurate** – component metering by precision geared flow meters

**Reliable** - online mixing ratio assurance.

**Easy to use** - user friendly touch screen operator interface.

**Material usage reporting.**

**Multi colour operation-** quick colour change, with preset recipe.

COMPARISON	MANUAL MIXING	VRC-MIX
Online Ratio assurance	No	Yes
Fresh material mixing on demand	No	Yes
Pot life monitor	No	Yes
Material usage report	No	Yes
Paint/solvent wastage	High	No
Colour change, configuration & setup time.	High	Very low
Labour cost	High	Low

# VRC-MIX (Low & Medium) pressure

## Features & Specifications

FEATURES	STANDARD	OPTIONAL (ON REQUEST)
Mixing Ratio Range	UP to 30.0( in 0.1 increments)	
Accuracy tolerance	Down to 1% * User settable	
Flow rate	0.1 to 4 liters per minute	Higher flow rates
Maximum Fluid pressure	Air spray system - 30 bar Air assisted airless - 200 bar	-
Air pressure requirement	4-7 bar	
Electrical power requirement	230 V AC 50 Hz Single Phase	As per available power source
Multi-colour application (colour change facility)	4 colours,4 hardeners &2 solvents, 4 different recipes can be stored	Modular system. Extra colour and recipe addition
flushing	Manual as well as inbuilt auto flushing cycle programmable sequential air-solvent purge	
Material usage reporting.	Reporting of component consumption accumulative.+ daily 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.	
Remote operator panel	-	Ex-proof remote operator panel
communication	RS 232 communication port for printer/network/PC. Protocol Modbus	SCADA
Operator Interface	Touch screen graphical display with audio visual alarm system	

## Features & Specifications

FAULTS	ALARM	SYSTEM RESPONSE
Off-mixing ratio	Audio+Visual alarm with text message	Auto shut off
Pot life nearing end	Audio+Visual alarm with text message	
Pot life end	Audio+Visual alarm with text message	Auto shut off
Container nearing to empty	Audio+Visual alarm with text message	
Container Empty	Audio+Visual alarm with text message	Auto shut off
Surpass of set pressure limits	Audio+Visual alarm with text message	Auto shut off
Other System faults & Interlocks	Audio+Visual alarm with text message	