

CMP-751

Computerized liquid additive system

APPLICATIONS

- Meters liquid additives for cement slurry blending

ADVANTAGES

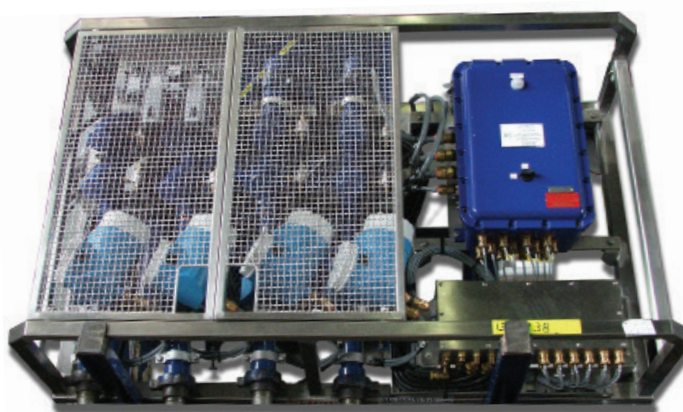
- Facility to preprogram up to four different additives
- Metering control module and four electromagnetic flowmeters with control valves
- Four pneumatic control valves and four pneumatic restriction valves
- Control cabinet
- Solenoid valve box
- All the advantages of process control when used in combination with a proportioning tank
- Manual override available as backup
- Certified for use in Zone 2 hazardous areas

The CMP-751 computerized liquid additive system meters liquid additives for cement slurry blending. Four different additives can be metered simultaneously or in sequence with high accuracy.

The system includes a metering control module and electromagnetic flowmeters with control valves. The flowmeters measure the additive flow rates and preset amounts are measured into the displacement tank by remote control.

In combination with a proportioning tank, the CMP-751 provides all the advantages of process control. A manual override is available as backup.

The system is used with cementing units equipped with the Advanced Cement Control (ACC) data acquisition and monitoring system.



CMP-751 computerized liquid additive system.

CMP-751 Specifications

Metering Rack		
Length	67 in [1.692 m]	
Width	24 in [0.610 m]	
Height	40 in [1.006 m]	
Unladen weight	683 lbm [310 kg]	
Flowmeters	4 × electromagnetic	
Application	Conductive liquids: 4 × 2-in lines	
Accuracy	98% (for a 50-L volume)	
Electrical supply	110 or 220 VAC	
	Control Cabinet	Solenoid Valve Box
Length	22 in [0.560 m]	23 in [0.590 m]
Width	14 in [0.360 m]	8 in [0.200 m]
Height	10 in [0.250 m]	5 in [0.120 m]
Material	316L stainless steel	316L stainless steel
Electrical supply	380–500 VAC, 50 Hz	
Certification/ingress protection	EExd IIB T5 (Certificate CESI 02 ATEX 075)/IP65	