

CHEMICAL DILUTION SYSTEM

Low cost, compact automatic chemical dilution and delivery system stresses safety

Chemical Dilution System LPN220 automatically dilutes to a programmable percentage of solution volume and stores the mixture in a 30-gallon supply vessel for on-demand distribution to one or more locations. Diluted mixture is continually recirculated and filtered. The compact designed unit easily fits into tight work spaces. Precision sensors and programmable controls accurately dilute in ratios up to 100 to one, with field verification of 0.1percent accuracy.

The system conforms to SEMI standard S2-93a, and is entirely constructed of corrosion resistant plastics compatible with the chemicals used. Lockout valves are provided for nitrogen and CDA, and all maintenance access is through front and rear tool secured panels. Supply tank's analog level sensor is backed up with a redundant, unique technology high level alarm to prevent inadvertent overfilling of the supply vessel.

This single purpose system is fully automatic, programmable, and optimally designed for compact size and cost efficiency. The system is factory calibrated to customer needs but can be easily reprogrammed in the field by factory trained technicians for different dilutions.



SEMI S2 Product Testing and Certification Available

© 2001 Leatherwood Plastics.
All specifications are subject to change without notice.



DIVISION OF LEATHERWOOD, INC.

DESIGN, PLASTIC FABRICATION AND PROCESS EQUIPMENT FOR THE SEMICONDUCTOR, PRINTED CIRCUIT BOARD AND PLATING INDUSTRIES

1426 Crescent Avenue ♦ Lewisville, Texas 75057

(972) 221-7656 ♦ Fax (972) 436-5735

info@leatherwood.com