PicoTrack

semi
MEMBER
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AUTO-FILL CHEMICAL CABINET

Please contact Sales sales@picotrack.com for more information

This chemical cabinet system supply non stop to processing tool, the canisters are attached with level sensors for safety supply of each chemical type. When one of canister is empty, will be switching automatically to another canister and get supply chemical continuously. The action is displayed visually so end user can operate the system easily.

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Cabinet Specification	Description
System Designed	US Standard System
Cabinet Dimension	28'' legth x 17'' width x 48'' height
Cabinet frame & panels	SST
Cabinet Controller	PLC and touch screen display
Cabinet capacity	4 x 5 Gal. canister
Canister tray	pulling in/out and locker
Canister low level sensor	optical sensor
N2 Air pressure control	2 way valve (ON/OFF), air regulator and gauge display
Safety pressure release valve	@ 150psi (max)
Leakage sensor	Floating switch & proximity sensor
Cabinet Facility Requirements	**Specification**
Nitrogen (N2) supply	70 psi min., 100 max, @20 scfm per outlet
EXH Manifold (for canisters)	> 30 scmf each outlet
EXH Common cabinet	> 30 scmf each outlet
Drain pipe cabinet (to Facility House)	2 - 4 GPH (5-20 litter/ hour) per outlet
Power AC supply	115VAC, 60Hz, 10A