



ColorSelect® PC Liquid Dispensing System Concrete Products

Specifications:

- Windows 2000 based operating system with LCD (flat screen) monitor
- Solomon Colors Concrete Colors pre-loaded
- Capable of storing numeric and alphanumeric color descriptions
- 5 gallon weigh chamber with platform scale, air purge and water rinse
- Manual or automatic fill and dump cycles
- Four (or five) SPX15 hose pumps
- Four (or five) conical-bottom stationary supply totes, each 400 gallon capacity
- Daily usage stored for each pigment
- Perpetual color inventory accounting
- Alarms notify operator of out-of-spec conditions, incomplete operation, or malfunction
- NEMA 4 enclosure main panel with remote Input/Output, two variable speed drives with reversing capability, (one pre-wired as a back-up), 5 motor contactors, 1- 24 volt transformer, 1- 120 volt transformer
- Remote PC based interface with emergency stop
- Air Wand Recycle System

Physical Size:

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|---------------------------------------|---------------------|
| • Main Panel | 8 x 24 x 36 inches |
| • 5 gallon weigh chamber | 22 x 28 x 43 inches |
| • SPX15 Hose Pump Assembly | 16 x 25 x 13 inches |
| • Conical-bottom pigment supply totes | 48 x 48 x 85 inches |
| • Delivery tote | 48 x 48 x 67 inches |

System Requirements:

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|------------------|--|
| • Air | 80-100 PSI, 40-50 CFM, 3/8 inch FPT |
| • Water | 40 PSI continuous pressure, 3/4 inch FPT |
| • Electrical | |
| Main Power | 230 or 460 volt, 3 phase |
| Control Circuits | 110 volt |
| Communication | Ethernet |
| • Plumbing | |
| Pump Suction | 1 1/2-inch suction hose |
| Pump Discharge | 3/4 nylon tube |
| Delivery | 1 inch rubber hose |

System Configuration:

- Pumps are pre-mounted to totes at Solomon Colors
- Weigh Chamber must be located above mixer, 15 feet optimum
- Pumps to Weigh Chamber, 50 feet optimum
- Pump Panel should be located in close proximity to pumps
- Pump Panel to PC, 300 feet maximum

