The New, Revolutionary Self-Serve Cement Kiosk
Built for Any Environment on Earth
General Testing Specifications

Designed and tested to conform to:
- MIL-STD-810G:CHG1
- IEC 60068-2-14
- IEC 60529:2013

Verified with independent laboratory testing

Temperature Range
- -40° C to +62° C
- Ramp rate ±1° C/min
- Duration 2 h
- Stabilization period 3 h

Thermal Shock
- Extreme rapid temperature rates
- Transfer time less than 1 min
- Temp -40° C to +40° C
- Test duration 3 h

Extreme Dust
- Custom-designed gaskets designed to withstand caustic, acidic and extreme temperature ranges without degradation
- Test duration 8 h
- Minimum EUT volume extraction rate 0.24 volumes/hour
- Maximum pressure 0.25 kPa
- Volume air extracted 1.92 volumes
- EUT volume 25,000 mL
- Dust usage 2/20

Aggravated Humidity
- Tested to 95% humidity at +60° C with extreme thermal cycling

IPX5
- Protection against extreme water
- Designed to withstand pressure wash (6.3mm jet nozzle), fogging
- Flow rate 12.5 l/min EUT
- Temp 22.4° C
- Water temp 19.5° C
- Spray duration 3 min
- Spray distance 2.5–3 m

Extreme Usability
- Custom-designed sunlight readable, capacitive touch display

Safe Design
- Door detents prevent errant door closures during servicing

Rugged Electrical
- Designed with an integrated surge suppressor
- PSCL engineers will work with you to coordinate protection at the panels and service entrance to ensure immunity to lightning strikes and other disturbances

Fault Tolerance
- The kiosk includes a UPS system to avoid unwanted loading interruptions

Serviceability
- One cable to replace a kiosk head
- All components field-serviceable with common hand tools
- Kiosk weight lightened to reduce lifting injuries

Process Flexibility
- The kiosk head can be mounted on a moveable arm for installations that want to keep the driver in the truck for safety
- The cable is a drilling-rig-rated portable power cable specification with >800 lbs pull strength

Impact Resistance
- Designed to be resistant to truck mirror impacts