

 CEMENT  
DISTRIBUTION

# K5 KIOSK



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



**PSCL**<sup>®</sup>



Work smarter.<sup>®</sup>

# 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  $\pm 1^\circ$  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