

RETAIL HARDENED TESTING METRICS

Retailers don't have time to deal with disruptions caused by common hazards. Reliability and durability are important considerations when you're investing in point-of-sale hardware. That's why it's vital that your retail technology is retail hardened.

FLUID RESISTANCE

32 ounces of liquid is poured on the system to verify no functional damage.



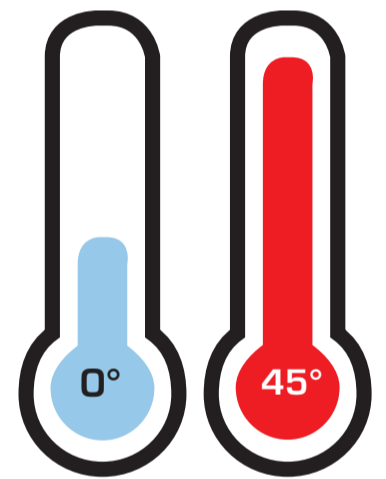
CHEMICAL RESISTANCE

Cleaners, including off-the-shelf and several CDC approved surface cleaners, are **sprayed on systems and touchscreens** to confirm no functional damage, brittle plastic, adhesive failure, discoloration, or seepage.



EXTREME TEMPERATURE

Systems are put through over **300 hours** of extreme temperature testing from **0°C to 45°C** to confirm components don't exceed manufacturer's rating or experience performance degradation.



BURN IN & POWER CYCLING

24 hours of burn in testing ensures no early life failures compared to others testing their devices for only 4 hours.



LINT AND CONTAMINATION

7 years of life in a retail environment is simulated through testing to verify dust and lint accumulation does not affect product cooling without requiring system maintenance.



Compliance with IEC 60529 IP for **protection against liquids and dust**. Toshiba Systems rated IP53 without I/O and IP52 with external I/O