

Q-SUN Xe-3 Xenon Test Chamber Back-Spray Option

A Q-SUN® Xenon Test Chamber equipped with the back-spray option can spray the bottom (back) surface of specimens during a DARK+SPRAY step, in addition to the standard top (front) spray. This allows testing to those specifications that require back-spray during the test sequence, notably SAE J2527.

These are the utilities and conditions needed for operation and set-up of the back-spray option:

- Floor drain
- Water pressure: 40-90 PSI (276 to 620 kPa)
- Water volume: 4 liters/minute instantaneous (.33 liters/minute average)
- Connections: A drain connection must be made for all units with the back-spray option



Running a Test

The back-spray system is intended to operate only during the DARK+SPRAY steps. Back-spray is pulsed 5 seconds ON, 55 seconds OFF.

Customers who would like to retrofit their Xe-3-HS (or Xe-3-S) chambers should contact Q-Lab Corporation. This retrofit must be performed by an authorized Q-Lab technician. A field technician can perform the retrofit at your lab, or you can send your machine to Q-Lab. Call Q-Lab for a quote today!



Back-Spray Kit Part No.: X-10135-K

The Q-SUN back-spray option uses an open backed tray and adds spray nozzles below the test specimen.



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