

APPLICATION NOTE 1404

Two environmentally driven color changing technologies are united creating a unique cart wash disinfection indicator for healthcare!

Cart washers are large scale disinfection washers used to sanitize surgical equipment that ranges in size from surgical carts used to convey surgical and patient transport equipment to instrument trays in the hospital setting. Cart washers use a combination of heat and water to get the job done. No test existed to test the mechanical efficiency of the cart washer.

- **Requirement:** A label to verify that during washing, water contacted the most difficult to reach surfaces of surgical carts and achieved the required temperature. Healthmark came to LCR Hallcrest (LCR) looking for a solution.
- Solution LCR developed a unique dual scale label that combines an irreversible temperature label with a hydrophilic ink that washes away when it gets wet. The Healthmark CartWashCheck[™] label tells the operator that the products inside the washer have reached a sanitation temperature along with getting washed with water. These convenient tests can be quickly and easily adhered to any metal surface with the peel off adhesive that leaves no residue. This permanent change label documents attained temperature and water contact.

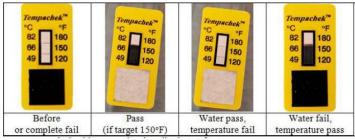
• Product Details

- 3 event Temperature labels with Hydrochromic indicator
- o Size: 1.53" x0.7"
- Temp range:120-150-180F
- Removable adhesive
- o Colors: Black and yellow, hydro indicator turns from black to white

• Benefits

- 1st of its kind to tell operators if temperature has been reached and if the cart was thoroughly washed during its cleaning cycle.
- Able to peel off and put it in your log for that wash cycle and items. No residual residue left behind
- Has an irreversible color change for both water and temperature

Images



CartWashTest

For Further Information contact <u>scott@hallcrest.com</u> or visit <u>www.hallcrest.com</u> and let us show you what we can do! AN1404 Rev00

LCRHallcrest is an international manufacturer of color and chemical changing temperature measurement labels, indicators and graphics with in-house design, development and manufacturing capability that offers solutions for unique temperature identification problems.