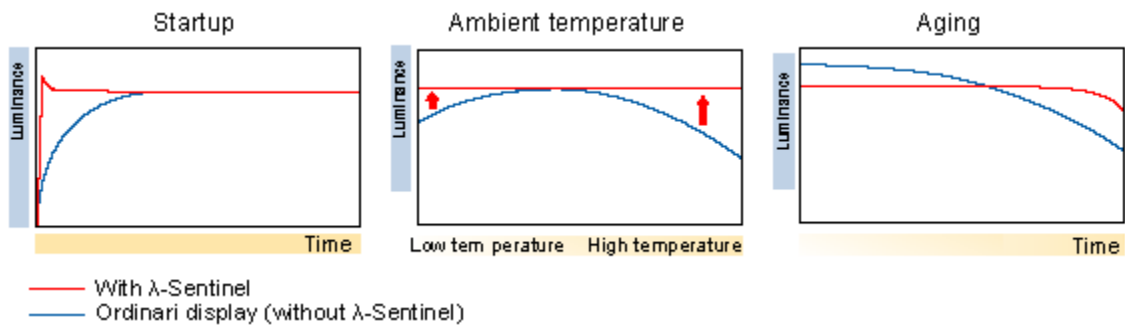


Luminance stabilizing system to provides continuous stable display for medical images

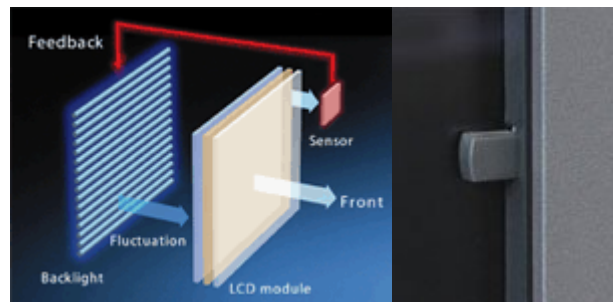
A change in luminance affects gamma characteristics and therefore has adverse effects on diagnostic imaging. TOTOKU's medical image displays are equipped with a luminance stabilizing system that automatically compensates for luminance changes due to startup drift, temperature change, and aging.



Newly developed luminance stabilizing system λ -Sentinel II



λ -Sentinel II consists of a luminance sensor and a luminance control circuit. The luminance sensor attached in front of the screen constantly monitors and accurately stabilizes luminance on the screen surface by sending feedback to the control circuit.



Features

- With luminance fluctuation caused by the LCD module taken into account, highly accurate luminance control is achieved.
- Actual luminance measurements including intermediate luminance are taken on the screen surface.

Note: λ -Sentinel II module is built into the the ME/CCL Series i model displays. Other models are equipped with λ -Sentinel (TOTOKU's conventional system).