

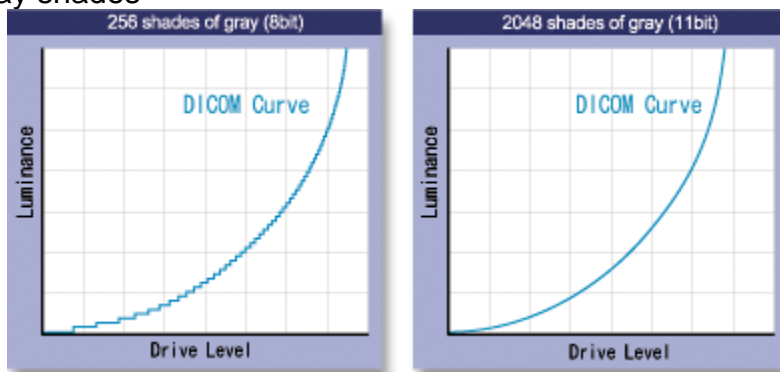
**Built-in LUT (Look-up Table) to reproduce beautiful grayscale and TOTOKU's technology for simultaneous display of multiple shades**

General-purpose displays are capable of 256 shades of gray, but due to unevenness and grayscale discontinuity, they cannot reproduce and display the subtle shading difference required for medical image displays. TOTOKU's medical image displays display the most appropriate 256 shades (8bit) out of a maximum of 3826 shades of gray (11.9bits) using the built-in LUT. This technology realizes much finer and smoother grayscale than possible with general-purpose displays.

Moreover, combining with a TOTOKU display customized conversion table with an integrated viewer, up to 2048 shades of gray can be provided to produce film-like images on the display.

| Series             | Model   | LUT built into the display    | Simultaneously available shades                             |
|--------------------|---|-------------------------------|---|
| ME Series i model  | ME551i2,<br>ME355i2,<br>ME253i2,<br>ME351i,<br>ME251i | 3826 shades of gray (11.9bit) | 2048 shades of gray (11bit),<br>1024 shades of gray (10bit) |
| ME Series          | ME181L /r,<br>ME201L /r                               | 1021 shades of gray (10bit)   | 256 shades of gray (8bit)                                   |
| CCL Series i model | CCL350i,<br>CCL250i                                   |                               |   |
| CCL Series         | CCL182 /r,<br>CCL204                                  |                               |   |

DICOM GSDF compliant curves according to the number of simultaneously available gray shades



\* Images are provided for explanatory purposes only.

