



# 1-2. Product Launch Focus on **Medical Industry**



## • LCD Product features :

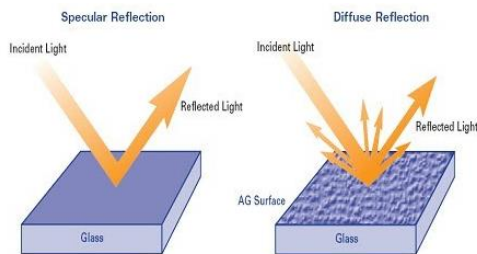
- High resolution, contrast accelerate clear image and precise diagnosis.
- Anti-glare solution.

## • Touch Solution features:

- The advantages of PCAP touch panel as below :
- Antimicrobial type Cover.
- Advanced water handling.
- Gloved touch operation with multiple layers of surgical / examination gloves.
- Passes IEC 60601-1-2 4th Edition EMC standard for medical electronic equipment.

## • The advantages of RTP EMI Shielding for Touch Screen

- IEC 61000-4-3 RS 28 V/m
- IEC 61000-4-6 CS 15 Vrms EMC



Item/Country	USA	Japan	Taiwan
Security specification	Got Certified by EPA	Evaluation Certified by SIAA(b) (Oral toxicity · Skin irritation · Skin sensitization)	-
Antibacterial test specifications	AATCCmethod 147(c)	JIS Z 2801(d) [ISO 22196(e)]	-
Test Labor	-	JNLA(f) CERTIFIED TESTING LABORATORY	-

Antimicrobial efficacy against a broad range of bacteria is validated at independent GLP lab (ATL Labs)

JIS Z 2801 standard requires AM efficacy test on either one of the two bacteria, *E. Coli* and *Staphylococcus Aureus* to demonstrate >99% (or 2 log) kill rate

Microorganism	% Reduction
<i>Staphylococcus aureus</i>	>99.9%
<i>Enterobacter aerogenes</i>	>99.9%
<i>Enterococcus faecalis</i> (VRE)	98.08%
<i>Escherichia coli</i> (ATCC 8739)	>99.9%
<i>Escherichia coli</i> (O157:H7)	>99.9%
<i>Coliforms pneumoniae</i>	>99.9%
<i>Legionella pneumophila</i>	>99.9%
<i>Proteus vulgaris</i>	>99.9%
<i>Pseudomonas aeruginosa</i>	>99.9%
<i>Salmonella enteritidis</i>	>99.9%
<i>Shigella dysenteriae</i>	>99.9%
<i>Staphylococcus aureus</i> , Methicillin resistant (MRSA)	>99.9%
<i>Staphylococcus pyrogenes</i>	>99.9%
<i>Vibrio cholerae</i>	>99.9%





# 2-1. Focus Product Launch for **Medical Industry**



Size	ONation Model No.	Resolution	Contrast	Brightness	Application
5.7"	OT057ZVWDDV00	640x480	300 : 1	900nits	<b>ENDOFLATOR</b> Gas insufflation controller
7.0"	OT070QGDDL00 OT070VBWDLV-00	800x480 1280x800	400 : 1 800 : 1	1000nits 400nits	<b>Medical device of Operating table</b> Blood analyzer
10.1"	OT101DBWDLVH1 <b>OT101DBWDLV09</b>	1280 x 800	1000 : 1	600nit 1200nits	Mechanical ventilator
10.4"	OT104KXWDLV00 OT104AXWDLV00	1024x768	900 : 1	600nits 1,000nits	Rugged Medical Tablet
12.1"	OT121ZBWDLV01	1280x800	1000 : 1	450nits	Laser Machines
15.0"	<b>OT150ZXWDLV00</b>	1024x768	2500 : 1	450nits	<b>Physiological monitor</b>
15.6"	<b>OT156ZFWDLV00</b>	1920x1080	800 : 1	450nits	<b>Medical Panel Computers</b>
21.5"	<b>OT215ZFWDLN01</b> <b>OT215ZFWDLN00</b>	1920 x 1080	1000 : 1 3000 : 1	350nits	Physiological monitor





# 2-2. Focus Product Launch for **Medical Industry**



**Touch Solution up grade** : PCTP option Antimicrobial type Cover or EMI Shielding solution.

Size	ONation Model No.	Resolution	Contrast	Brightness	Application
10.4"	OT104AXWDLTH0	1024 x 768	900 : 1	850nits	Rugged Medical Tablet
10.1"	<b>OT101DBWDLTH2</b>	1280 x 800	1000 : 1	900nits	Mechanical ventilator
12.1"	OT121BSWDLT-0X	800 x 600	1500 : 1	900nits	Laser Machines Physiological monitor
12.1"	OT121CBWDLT0X	1280 x 800	1000 : 1	1200nits	Medical Panel PC
15.0"	<b>OT150EXWDLTH0</b>	1024 x 768	2500 : 1	380nits	Physiological monitor
15.6"	<b>OT156ABWDLT-00</b>	1920 x 1080	800 : 1	380nits	Physiological monitor
21.5"	<b>OT215AFWDLT00</b> <b>OT215DFWDLT00</b>	1920 x 1200	1000 : 1	350nit 400nits	Medical Panel PC Physiological monitor

