vatech

REDEFINING INTRAORAL SENSORS

EzSensor HD[™]





4.8 MM ULTRA-SLIM DESIGN

NEW CONTRAST FILTERS FOR YOUR PERFECT IMAGE



EXPERIENCE THE HIGHEST RESOLUTION

The EzSensor HD is clinically usable at a wide range of exposure settings and is more consistent than all of the other sensors in the market. Practitioners benefit from reducing exposure-related retakes and find it less time consuming. Also, patients benefit from the reduction of radiation exposure. With our high sensitivity sensor, you can capture diagnosable images under any condition, even when using an old x-ray source.

	65 kVp 6 mA 8 cm Al Filter					65 kVp 6 mA No Filter														
(mGy)	0.020	0.025	0.030	0.040	0.050	0.060	0.100	0.125	0.160	0.200	0.250	0.320	0.400	0.500	0.630	0.800	1.000	1.250	1.600	2.000
(sec)	0.04	0.05	0.06	0.08	0.1	0.12	0.20	0.26	0.05	0.06	0.08	0.10	0.13	0.16	0.20	0.25	0.32	0.40	0.51	0.63
EzSensor HD	tani.	THE STATE	Train!	the state of the s	tan	THE STATE	THE STATE	trans.	triti	27201	7101	MAN.	7171	7171	7271	M	7771	THE STATE		an.
C Company						1710	1710	2716	2700	1716	1710	1716	1711	7719	1711	1711	1710	1710	1740	1716
S Company	77/1	2014	17/1	77/1	17.14	17.84	1786	17.86	17/16	17/16	1700	1700	17/16	1700	1700	17/10	746	10/10	V// /	
O Company			11	1700	77.00	7716	77111	1711	27.16	17.19	77.19	77.19	17.19	77.19	17.19	27.11	W	W.	7,	7,
F Company	77/9	1911	17/10	27/10	1716	1716	17/10	2700	1749	1716	2716	AT A TO	1740	17/19						

NEW CONTRAST FILTERS FOR YOUR PERFECT IMAGE

Switch quickly and easily among seven new contrast filters to find your perfect diagnostic image. Higher contrast filters can be utilized for periodontics, while lower contrast filters can be used for caries detection and restorative dentistry.

With the EzSensor HD, you will always have these filters at your disposal.



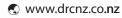
SPECIFICATIONS (EzSensor HD: 10S-U101F/10S-U151F/10S-U201F/10S-U10VF/10S-U15VF/10S-U20VF)

Detector	CMOS	Pixel Size	14.8 µm
Theoretical Resolution	33.78 lp/mm	Dynamic Range	12 bit
Active Area (WxL)	Size 1.0 : 20x30 mm Size 1.5 : 24x33 mm Size 2.0 : 26x36 mm	Dimensions (WxLxT)	Size 1.0 : 25.4x36.8 mm (1.00"x1.45") Size 1.5 : 29.2x39.5 mm (1.14"x1.55") Size 2.0 : 31.3x42.9 mm (1.23"x1.69")
Thickness	4.8 mm (0.19")	Cable Length	2.7 m

^{*} The specifications are subject to change without prior notice.

[Intended use]

An EzSensor HD is intended to collect dental x-ray photons and convert them into electronic impulses that may be stored, viewed, and manipulated for diagnostic use by dentists.









Rounded Corner