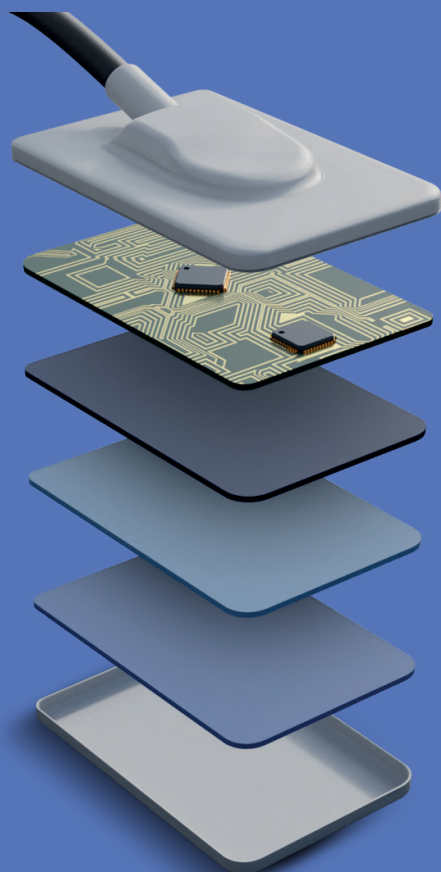


PARAMETER	UNIT	SIZE 1	SIZE 2
Detector Technology	-	APS CMOS	
Sensitive area structure	-	CSI directly deposited (Ti)	
Ingress protection code	-	Equivalent to IP68	
Dimensions W x L x H	mm	25,4 x 36,9x 4,4	30,4 x 41,9 x 4,4
Sensitive area (active)	mm	20 x 30	26 x 36
Number of active pixels	pixel	1000 x 1500	1300 x 1800
Pixel size	µm	20	
Pixel shape	-	squared	
Data output	-	16 bits ADC	

PARAMETER	UNIT	VALUE
Supply voltage DC	V	5
Power supply	-	Directly via USB connection
Typical absorbed maximum	mA	250
Dark noise	lb	< 18
Maximum linear dose	µGy	≥ 600
Response linearity	-	≥ 0,99
Theoretical resolution	lp/mm	25
Measured resolution	lp/mm	≥ 20
Dynamic range	dB	≥ 70
Global non-uniformity	-	≤ 5%
Total dose irradiation	Gy	≥ 50
X-ray shooting mode	-	AED
AED activation threshold	-	400 µGy/s
X-ray energy	kV	55 to 100



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