

口内传感器

DiD2030 / DiD2636 / DiD2530



- 兼具高密度分辨率, 高空间分辨率
- USB数据接口, 安装简单, 即插即用
- 与不同型号X光机良好兼容

DiD系列口内牙片机, 内嵌高灵敏度CMOS图像传感器芯片, 为口内诊断和治疗提供稳定优质的影像。外形采用人体工程学设计, 极大提高应用舒适度。防水等级IPX7, 可浸泡式消毒, 避免患者二次交叉感染。抗辐照剂量高达500Gy。

产品特点

- 基于X光的AED技术(自动曝光)
- 快速成像
- 设计精细, 定位准确
- 优化外形设计, 提高患者舒适度
- 独特的抗辐照设计, 使用寿命长
- 牢固的线缆连接, 可有效抗折弯
- 高级别入口防护

产品应用

- 牙科成像
- 工业NDT检测
- 科学研究

产品参数

参数	参数值			单位
型号	DiD2030	DiD2636	DiD2530	
机械尺寸(主体)	25 × 37.2 × 5.1	31 × 43.8 × 5.1	29.8 × 37.6 × 5.1	mm
有效面积	20 × 30	26 × 36	25 × 30	mm
分辨率(H×V)	800 × 1200	1300 × 1800	1242 × 1484	pixel
像素大小	25 × 25	20 × 20	20 × 20	um
闪烁体类型	CsI			
空间分辨率	25			lp/mm
曝光模式	智能AED模式/预览模式			
辐照寿命	500			Gy
接口	USB2.0			
线长	3			m
防护等级	IPX7			
操作系统	Windows XP/Windows7及以上			

Digital Intraoral Detector

DiD2030 / DiD2636 / DiD2530



- High density resolution, high spatial resolution.
- USB data interface, Plug-and-Play.
- Good compatibility with X-ray machines.

The DiD series intraoral detector is embedded with high sensitivity CMOS image sensor chip, providing high-quality images for intraoral diagnosis and treatment. The ergonomically designed casing ensures patient comfort. With waterproof grade IPX7, it can be soaked for disinfection to avoid cross infection. Its radiation resistant can be up to 500Gy.

Features

- AED (automatic exposure) based on X-ray
- Fast imaging
- Fine design, accurate positioning
- Optimized shell design to improve patient comfort
- Unique radiation resistant design, long lifespan
- Strong cable connection with good bending resistance
- High water protection level IPX7

Applications

- Dental imaging
- NDT
- Scientific research

Key Parameter

Parameter	Value			Unit
Model	DiD2030	DiD2636	DiD2530	
Mechanical dimensions (main part)	25 × 37.2 × 5.1	31 × 43.8 × 5.1	29.8 × 37.6 × 5.1	mm
Effective area	20 × 30	26 × 36	25 × 30	mm
Resolution (H×V)	800 × 1200	1300 × 1800	1242 × 1484	pixel
Pixel size	25 × 25	20 × 20	20 × 20	um
Scintillator type	CsI			
Spatial resolution	25			lp/mm
Exposure mode	Intelligent AED mode / Preview mode			
Irradiation lifetime	500			Gy
Interface	USB2.0			
Line length	3			m
Protection grade	IPX7			
Operating system	Windows XP/Windows7 and above			