

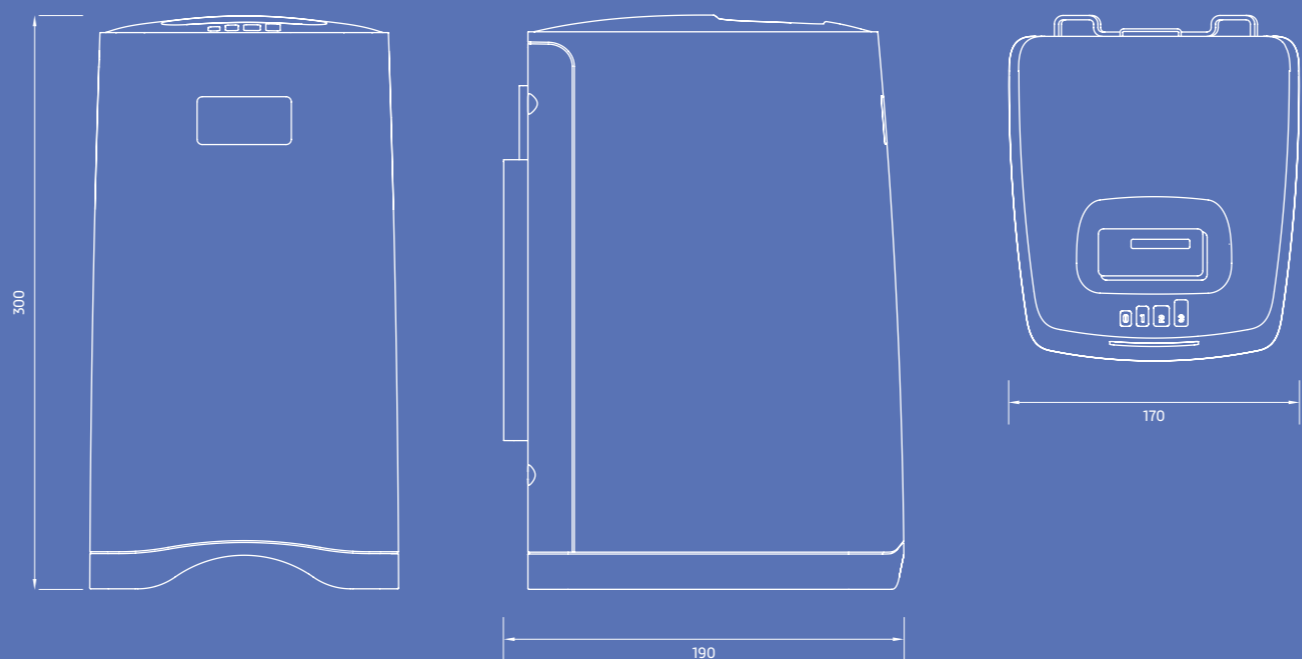
Designed for capturing and storing digital images in less time and maximum simplicity.



trident

TECHNICAL CHARACTERISTICS SCANNER	
Supply Voltage	100-240V AC, 50-60 Hz
Input Current	0.1 A [240V]/0.24 A [100 V]
Absorbed Power	24 VA
Device voltage	24 V DC
Device current max	1 A
Dynamic Range	16 bit
Resolution	14 lp/mm
Supply voltage	5 V DC from USB
Connection to PC	USB 2 [A type] cable 2 mt
Maximum absorbed current	275 mA
Frame rate	0.7 fps

TECHNICAL CHARACTERISTICS PHOSPHOR PLATES		
Phosphor Composition	BaSrFBr:Eu	
Luminescence	400 nm	
Phosphor Plate dimensions	Size 0	22x31
	Size 1	24x40
	Size 2	31x41
	Size 3	27x54
Pixel shape	squared	
Pixel size	35 µm	
Image dimensions	Size 0	726x1155
	Size 1	792x1321
	Size 2	1024x1352
	Size 3	891x1783



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TD07-EN-R1-READER

READER
Phosphor plate scanner



Discover a world of images

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READER:



FAST

READER delivers highly precise digital images to any PC in less than 10 seconds.



SIMPLE

No buttons, no remote controls. Install READER directly on your computer through USB connection and start scanning. Three LED lights will indicate the status of the process. The whole system is wonderfully compact, measuring just 17x19x30 cm.



CLEVER

READER automatically recognizes the plate size. Just insert the plate and READER will start scanning. READER has an inner power supply adaptor to work from 100 to 220 V.



NO EXTRA COST

READER enables getting clear HD images repeatedly using the same plate, with no film processing extra cost: no chemicals, film processor or darkroom needed.

PHOSPHOR PLATES ADVANTAGES

The Trident phosphor plates can be reused hundreds of times and are as easy to use as the conventional film

- Flexible
- Cordless
- Safe
- Long lasting
- Easy to position
- Reusable
- Thin



Discover a world of images

PREPARING THE PHOSPHOR PLATES FOR USING

With a 100% active surface, rounded corners and cable-free usability, the Trident phosphor plates are created for the comfort of your staff and patients.

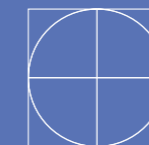
1. PROTECT THE PSP

Use the Trident protective cover. The cover protects the phosphor plate from the harmful effects of light, dust and scratches that would result in a non diagnostic image. The constant use of the covers improves the phosphor plates' durability and effectiveness. The covers are available in four sizes and are reusable.



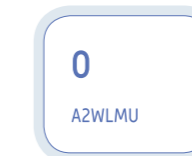
2. PROTECT YOUR PATIENTS

Use the Trident hygienic sleeves. Insert the protective cover with the phosphor plate into the hygienic sleeve. Close the sleeve and place it into the patient's mouth at the desired position. Using the sleeves prevents cross infection and offers safety and confidence to your patients. The hygienic sleeves are available in four sizes and are single use.

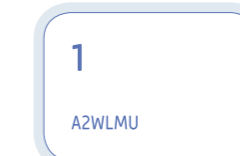


SCAN, ERASE AND REUSE, ALL IN ONE EASY STEP

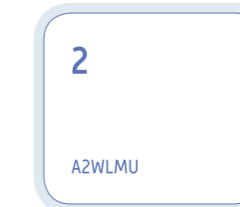
The whole process takes few seconds. Insert the PSP into the slot and while a sharp and clear image appears on the screen, an auto-erase function cleans the plate for the next reading.



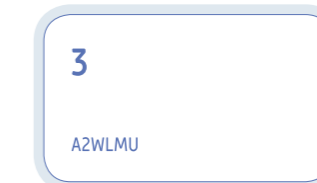
31x22 mm, 726x1024 Pixel



40x24 mm, 729x1321 Pixel



41x31 mm, 1024x1354 Pixel



54x27 mm, 891x1783 Pixel



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