

CH VSP



VSP Overview

er-friendly scanner, it's small and light
in small-sized dental clinic efficiently.

4-inch LCD touch screen as a high-end
to show the largest preview image.

ables rapid image transfer from scanner

ed Vatech VSP as a simple, fast, and

patients on chairside.



Image preview on a 4-i



High durability minimiz
service occurrences



Support multi-user prac



Easy to install and use (a
automatically)

kg
and light

4-
LCD touch

S
user practices

20 lp
Resolution

/2/3
orted IP size

233x14
Dimension (HxV)



VSP

the smallest PSP

*3.3 kg and with dimension of
Vatech VSP is one of the smallest
canners.*

*be easily moved and installed in every
constraints.*



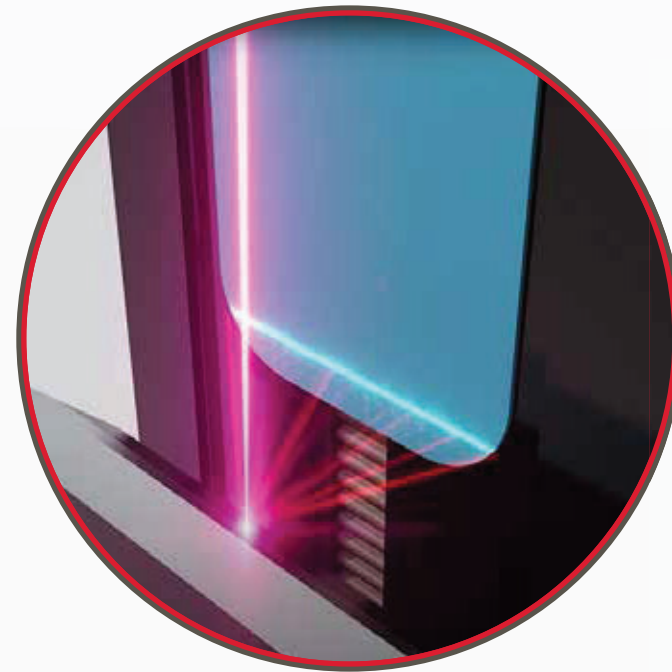
3.3 kg
small and light



IMAGES

...e scanning system will bring
...n doctors and patients.

...perfect images for patient diagnosis. In
...ut image quality will be in SR or HR
...Resolution / 10lp/mm in High
...so you can use it without worrying



20 lp/mm
Resolution (SR/HR)



review touch screen

*4-inch LCD touch screen as a high-
ows the largest preview of the*

*chnologies brings satisfaction for
patients.*



4-inch
LCD touch screen

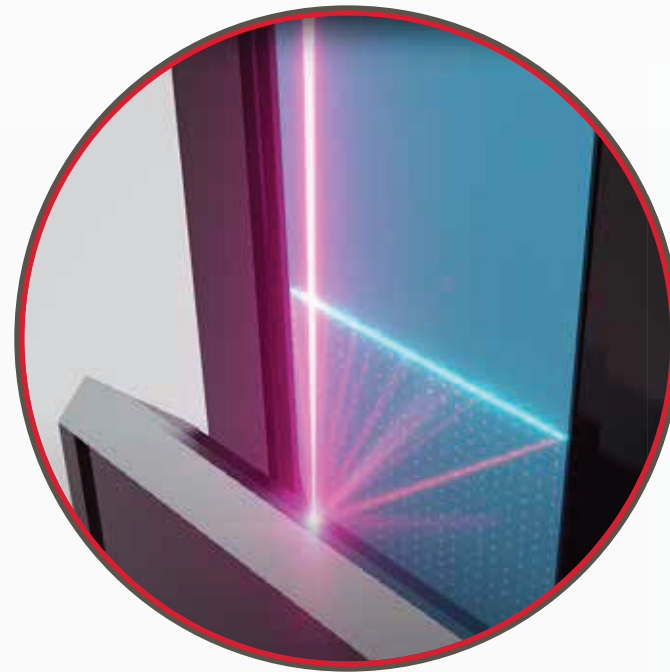


Multi pixel photon counter

VSP Scanner was created using MPPPC.

*Multi pixel photon counters. What
from the existing PMT is immunity to
high resistance to mechanical shock.*

*lower than 10 times voltage
more than that 10 times high gain can
compared to PMT (Photo Multiplier
small size.*



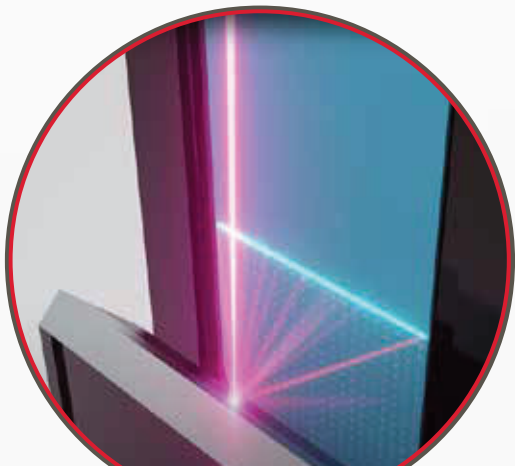
MPPC

The world's first



MPPC

able, MPPCs can be driven at a low
in size, and are inexpensive without
surrounding magnetic fields, so they
tages from the standpoint of



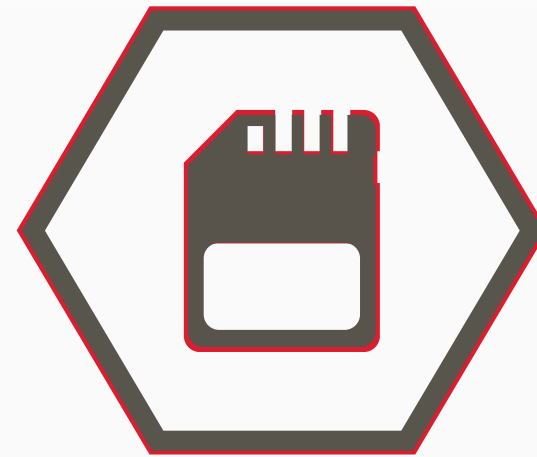
PMT VS

Shape	Tube
Gain	$\sim 10^6$ ★
Photon Detection Eff.	$\sim 30\%$
Response	Fast ★
Photon Counting	Yes
Magnetic Field	Sensitive
Robustness	Weak
Bias Voltage	$\sim 1,500V$
Size	Not small
Cost	Expensive

Up to 500 HR images

has a built in memory, so you can
store images without PC connection.

Verify that imaging is done normally
on review screen even when scanning
Images are stored normally on the
device. Dental clinics can reduce the list of



**500
images**

can be stored in VSP

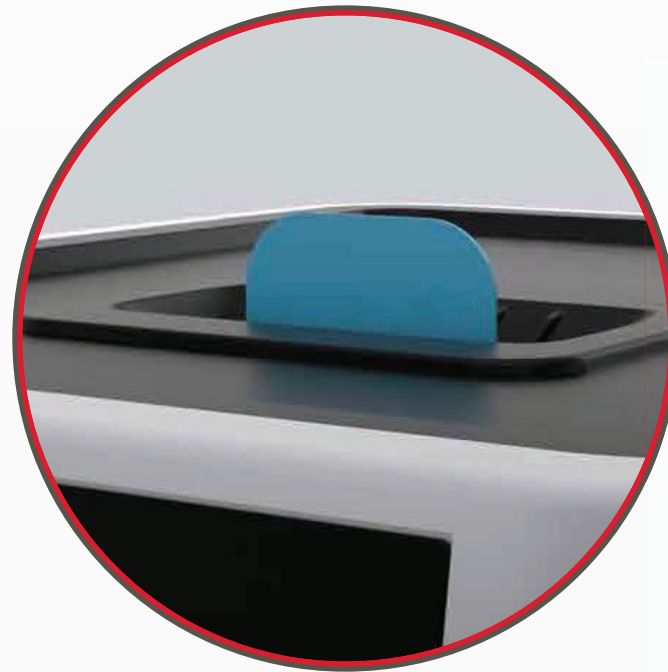


imaging plate

plates come in 4 different sizes.

soft imaging plates optimally stick
to provide high quality images
maximum comfort for the patient.

highly durable and reduce the risk of
time Ultra-thin imaging plates
and over while keeping great
everything put together makes the
nomical.



0/1/2/3

Supported IP size



*MPPC sensor for high
image quality*

4 inch touch screen

*Magnet rail system
for anti vibration*

Internal IP eraser



VSP