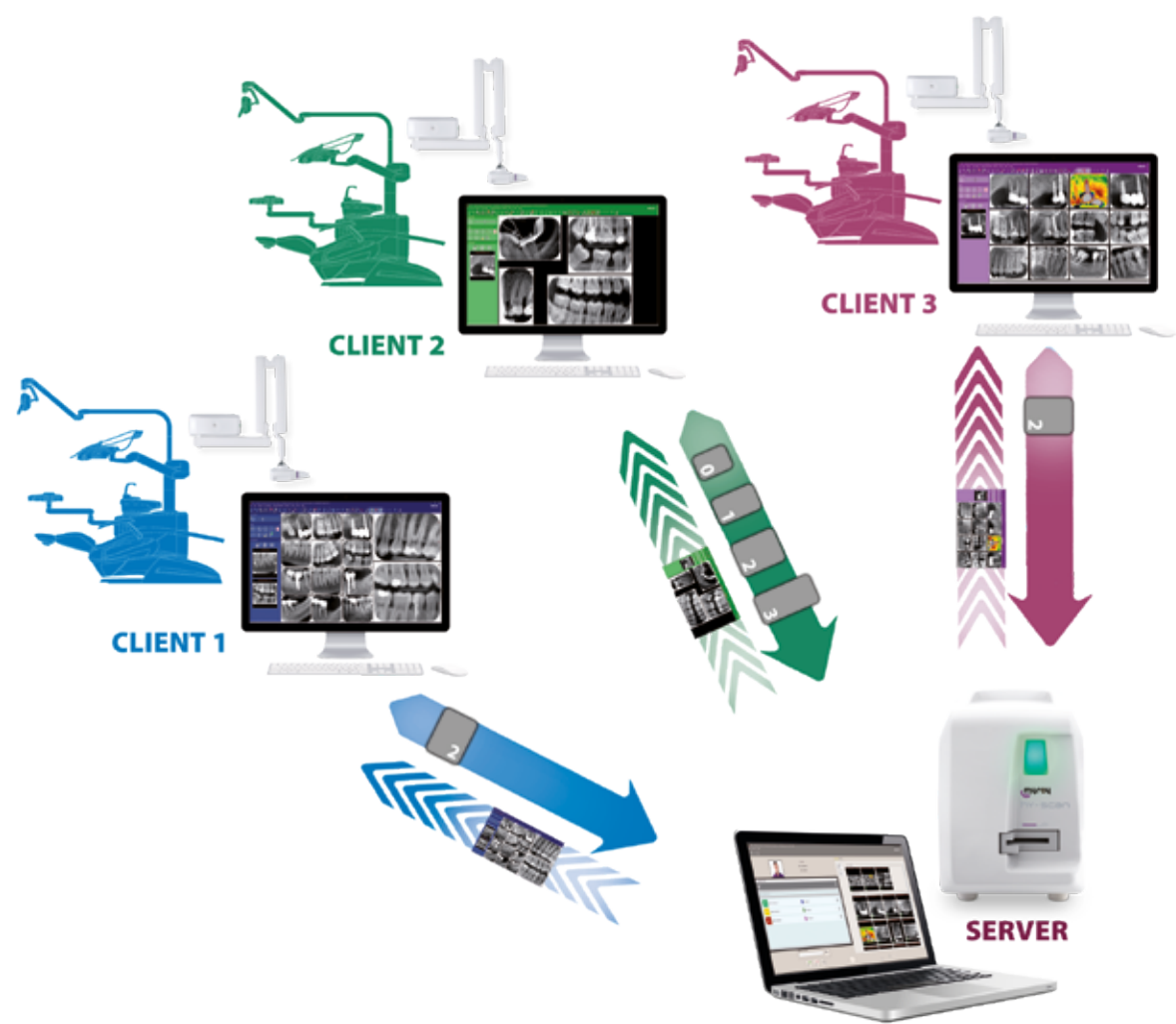


# Uncompromising simplicity and quality.

Always-reliable diagnosis, comfort, user-friendliness and fast capture times. Hy-Scan gives access to unrivalled digital technology and film-like ergonomics - all in one compact, affordable device.

**MyRay, just right for you.**



## PERFECT FOR MultiROOM USE

Hy-Scan lets you optimise dental clinic work flows in MultiROOM. Thanks to the MultiROOM function, usable via Hy-Scan, the remote scanning system (connected to the SERVER) can be managed with a reservation made directly from the workstation alongside the patient (CLIENT PC). The patient is defined by a name and the colour of the surgery.

A simple APP - available in iCapture - lets you automatically save a series of remotely scanned images on the medical record of the patient, who is pre-selected in iRYS from the surgery from which you made the reservation. These images will be displayed immediately on the PC next to the patient.

TECHNICAL DATA	
Resolution (theoretical)	17 lp/mm
Image pixel size	30µ
Image grey levels	16 bit (65,536 grey levels)
Supported plate sizes	Size 0, 1, 2, 3
Plate size selection	Automatic
Read time	4 – 8 s
Plate Deletion	Automatic
Dimensions (H x L x P)	176 x 133 x 264 mm
Weight	4.5 kg
Power supply	110 - 240 V 50/60 Hz (24 Watts)
Connectivity	Direct to PC (USB)
Acquisition software (for PC)	iCapture with MultiROOM interface for third party software
Image management software (for PC)	iRYS (complies with ISDP©10003:2018 as per EN ISO/IEC17065:2012 certificate number 2019003109-1) and App iPad iRYS viewer (free)
Supported protocols	DICOM 3.0, TWAIN, VDDS
DICOM nodes	IHE compliant (Print; Storage Commitment, SR document; WorkList; MPPS; Query Retrieve)

CE  
0051



Size 0  
22 x 31 mm  
Pixels 762 x 1024  
Dimensions in memory 1Mb



Size 1  
24 x 40 mm  
Pixels 792 x 1321  
Dimensions in memory 2Mb



Size 2  
31 x 41 mm  
Pixels 1024 x 1354  
Dimensions in memory 3Mb



Size 3  
27 x 54 mm  
Pixels 891 x 1783  
Dimensions in memory 4Mb

## MINIMUM SYSTEM REQUISITES

Supported operating systems:

Microsoft® Windows® 7 (SP1) - 8 - 8.1 Professional (64 bit recommended);  
Microsoft® Windows® 10 Professional 64 bit

Display settings:

1280 x 1024; 1344 x 768 or greater, 16 million colours

Port:

USB 2.0 or subsequent



[www.my-ray.com](http://www.my-ray.com)

**Plant** - Via Bicocca, 14/c - 40026 Imola - Bo (Italy) tel. +39 0542 653441 - fax +39 0542 653555

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**Cefla North America, Inc.** - 6125 Harris Technology Blvd. Charlotte, NC 28269 - U.S.A. Toll Free: (+1) 800.416.3078 Fax: (+1) 704.631.4609

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Data may be subject to change without notice. Please contact your local distributor for further information.



**Hy-Scan**  
Phosphor Plate scanner

**Multi-ROOM**



**Navtech Practice Solutions**  
1979 Stout Drive, Unit 2  
Warminster, PA 18974  
**(215) 364-2012**  
[www.navtech360.com](http://www.navtech360.com)





**USB CONNECTION**

Fast, secure transfer of images to the PC next to the workstation or directly from the server in MultiROOM.

**LED STATUS INDICATOR**

Process always under control with instantaneous display of scanner status (ready / reading / image deletion / standby / etc.) thanks to the status indicator.

**TOUCH-FREE**

Fully automatic plate reading process.

**ULTRA-COMPACT AND ERGONOMIC**

Featuring essential, compact design, the Hy-Scan scanner is perfect for any dental surgery. Extremely versatile, it can be installed both horizontally on the table or wall-mounted vertically using the special bracket..



**OPTIMAL ERGONOMICS:**

thin and flexible, wireless like a film, 100% of area is active, no positioning limits.

**MAGNETIC PLATE:**

perfectly integrated with the phosphor layer to optimise the reading process with an automatic TOUCH-FREE acquisition sequence start.

**HIGH SENSITIVITY:**

improved image quality, minimum X-ray dose for the patient.

# High Definition.

Outstanding digital imaging quality combined with the practicality and affordability of traditional film The Hy-Scan phosphor plate scanner provides the perfect balance between technology and tradition.

Outstanding digital imaging quality combined with the practicality and affordability of traditional film. The Hy-Scan phosphor plate scanner provides the perfect balance between technology and tradition. Hy-Scan combines the very best digital diagnostic technology with the advantages of traditional film plates. A compact, fast, simple device to use, which produces high resolution intraoral images for always-reliable diagnosis.

The plates, ergonomic and thin, are easy to position and offer maximum patient comfort. The TOUCH-FREE plate insertion and recognition system makes the scan even simpler, also in MultiROOM. The scanner can import and digitize each image in rapid

sequence in just a few seconds, allowing them be displayed immediately on the PC or, via a special APP, on an iPad.

**Easy, compact, reliable diagnostics.**

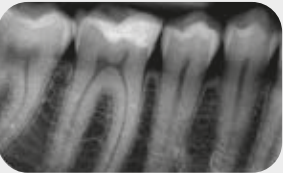
- Essential, light, compact design
- High definition digital images
- Ergonomics and positioning comfort
- TOUCH-FREE user-friendliness
- Hard-wearing and reliable in MultiROOM

**HIGH QUALITY IMAGES IN EVERY APPLICATION**

Hy-Scan is the ideal tool for all clinical applications: endodontics, prostheses and implant surgery, periodontics and caries diagnosis. It reliably provides the very best high definition images with a resolution of 34 pixel/mm. The scanner is compatible with four sizes for the acquisition of paediatric (Size 0), periapical (Size 1), bitewing (Size 2) and long bitewing (Size 3) images with a pixel size of 30µm.



0



1



2



3



**TOUCH-FREE ACQUISITION**

User-friendliness and maximum workflow efficiency. Hy-Scan has a servo-assisted, fully automatic system that accepts and scans (TOUCH-FREE) the impressed plates, recognises the size, imports the image to the PC and deletes all the data from the plate so it is immediately ready for the next image capture.



**FAST IMAGE DISPLAY**

A high quality image can be imported in just a few seconds. Equipped with cutting-edge technology, Hy-Scan lets users view sharp images extremely quickly, leading to effective diagnosis and better communication with the patient.



**iRYS - iPad CONNECTIVITY**

Import data quickly thanks to the USB connection. Save and display captured images on the PC using the all-in-one iRYS diagnostic software with the convenient iPad viewer app and with any other control programme or image viewer equipped with a TWAIN or DICOM interface.



**01  
POSITIONING  
AND ACQUISITION**



**02  
RESERVATION  
AND SCAN**



**03  
DISPLAY AND  
PROCESSING**



**04  
SHARING AND  
STORING**

**THE BEST WORKFLOW FOR EFFECTIVE DIAGNOSIS**

Take X-rays with the desired plate size via user-friendly positioning and, if necessary, book the networked scanner. Capture high definition images by inserting the plates one at a time. The images are then transferred to the local PC and/or sent to the client who booked it, ready to be consulted, shared and stored with iRYS software (or other viewer), printed and e-mailed.