

EN • PRODUCT LAUNCH DOC

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LD_OWANDYCR2_EN_REV01



OWANDY-CR²

INTRAORAL IMAGING PLATE SCANNER
SO COMPACT, YET SO EFFECTIVE...

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1. **PRODUCT IDENTITY**

OWANDY-CR²

Key points	Unit design
<ul style="list-style-type: none"> Stylish, elegant and compact Optimised sensitivity 100% automatic Suitable for all types of scans Ethernet or USB	

Main competitive advantages

- | | |
|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Stylish, elegant and compact | The Owandy-CR ² is the smallest system on the market!
It design will add a contemporary and hi-tech touch to your treatment room! |
| 2. Optimised sensitivity | The Owandy-CR ² insure you to produce accurate images at low doses without the risk of overexposure |
| 3. 100% automatic | ∅ button: the Owandy-CR ² is fully automatic!
Imaging plate detection, their size and their insertion direction, reading and erasing are automatic: no complicated user interface.
Automatic wake up and standby mode. |
| 4. Suitable for all types of scans | 4 plate sizes to meet your requirements.
The Owandy-CR ² can be used for endodontics, prosthetic dentistry, implant surgery and periodontics, as well as in caries diagnosis. |
| 5. Ethernet or USB | Ethernet or USB, the Owandy-CR ² is easy to use install and to use.
the Owandy-CR ² has been developed for a single or multi-user use. Sharing data becomes easier. |

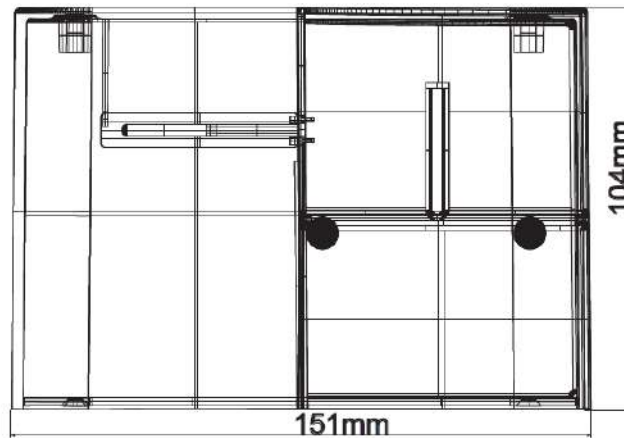
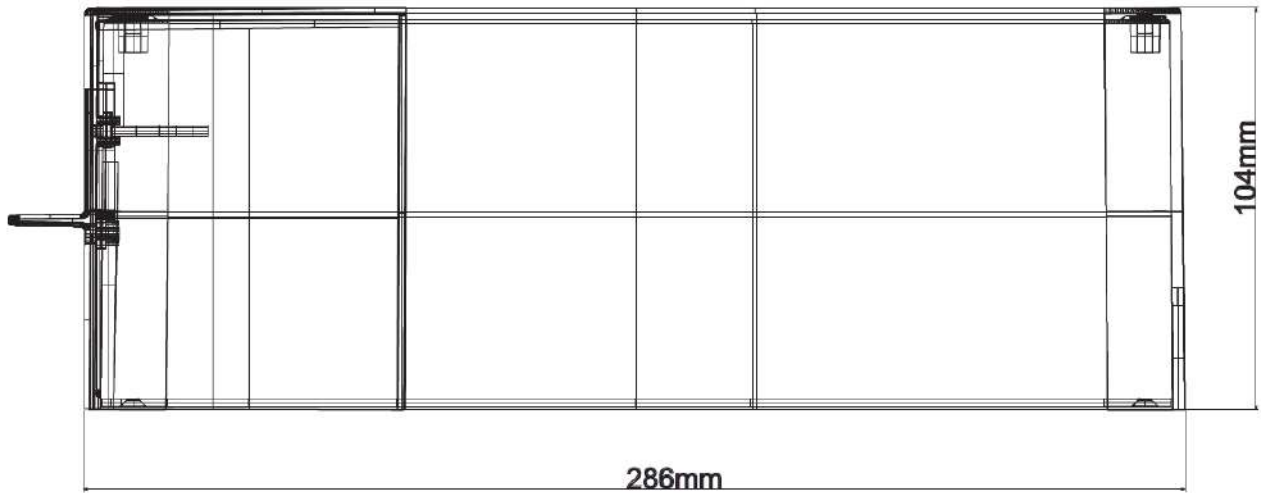
2. TECHNICAL SPECIFICATIONS

Owandy-CR ² scanner model	
Certification and class	MDD 93/42 –Ann. IX Rule16: Classification IIa
Pixel Size	30µm
A/D Conversion	16 bit input
Power supply	24V +/-10%
Current absorbed	1A
Power absorbed	60W
Dimensions and weight of the unit	
<ul style="list-style-type: none"> • Weight: • Height: • Depth: • Width: 	<ul style="list-style-type: none"> 4,25kg 104mm 286mm 151mm

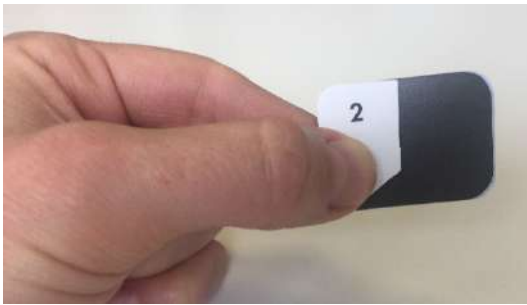
Intra-oral phosphor plates	
Certification and class	MDD 93/42 – Ann. IX Rule16: Classification IIa
External dimensions of each plate	
<ul style="list-style-type: none"> • Size 0: • Size 1: • Size 2: • Size 3: 	<ul style="list-style-type: none"> 22x31mm 24x40mm 31x41mm 27x54mm
Phosphor composition	BaSrFBr:Eu
Luminescence	400nm
Readout	Within 1h after exposure



3. ~~OUTLINE DRAWING~~ Version

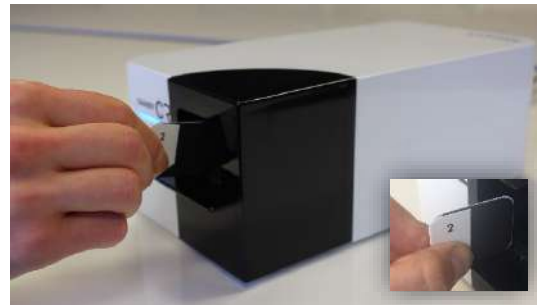


4. **HOW TO INTRODUCE A PLATE?**



Hold the protective cardboard cover and plate as shown above.

Use only the new plates provided with the Owandy CR² !



When the **Owandy CR²** is switched on, the green LED will light up. Now insert the protective cardboard cover and plate horizontally into the slot until the green LED starts flashing.



Once the green LED is flashing, remove the protective cardboard cover to leave only the plate.



The plate is automatically inserted into the **Owandy CR²** on its own. The LED will be blue when the plate is being scanned.



The scanning process is finished as soon as the LED becomes white. When the white LED starts to flash, the plate ejects itself automatically.



You can then remove the plate using the protective cardboard cover.

5. ~~KIT/ACCESSORIES DESCRIPTION~~ **KIT/ACCESSORIES DESCRIPTION**

Owandy-CR² kit:

Part number	Description
9458900031	Owandy-CR ² Ethernet 220V
9458900021	Owandy-CR ² USB 220V

Kit includes :

- 1 Owandy-CR²
- 2 plates size 0 + 10 paper protections and 50 hygienic single-use protection sleeves size 0
- 2 plates size 2 + 10 paper protections and 50 hygienic single-use protection sleeves size 2
- USB 2.0 cable or RJ45 cable
- Power supply cable
- An installation CD-ROM (drivers, diagnostic tools, QuickVision software)
- User / Installation manual
- CE Declaration of Conformity

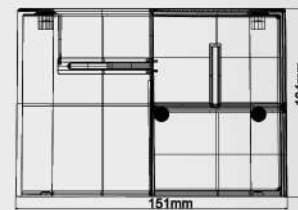
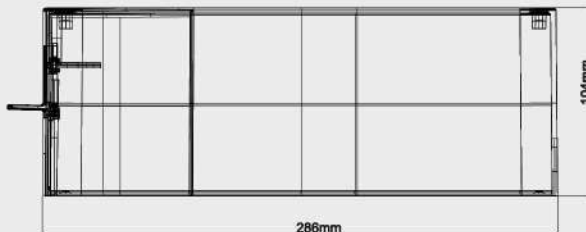
Owandy-CR² accessories (NS > 17000000) :

Part number	Description
Intra-oral plates (kit contents 4 plates + 20 paper protections)	
6158001401	Size 0
6158001501	Size 1
6158001601	Size 2
6158001701	Size 3
6158002501	Starting kit (2 plates size 0 + 2 plates size 2 + 10 paper protections + 50 hygienic single-use protection sleeves)
Box of 100 paper protections for intra-oral plates	
4695481501	Size 0
4695481601	Size 1
4695481701	Size 2
4695481801	Size 3
Box of 300 hygienic single-use protection sleeves for intra-oral plates	
6158001800	Size 0
6158001900	Size 1
6158002000	Size 2
6158002100	Size 3

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TECHNICAL FEATURES

Technology	Re-usable imaging plate PSP: Photostimulable Phosphor plate
Resolution	34 pixel/mm – 16 Bits
Pixel size	30 µm
Scan time	4 - 9 s
Connection	USB 2.0 & USB 3.0 Ethernet 10/100/1000 Mbps
Dimensions	286 x 151 x 104 mm
Weight	4.25 kg
External power supply	100-240 V, 50/60Hz, 60W
Plate size selection	Automatic detection
System standby mode	Automatic function
Plate sizes	Size 0 : 31 x 22mm, 1024 x 726 pixels Size 1 : 40 x 24mm, 1321 x 792 pixels Size 2 : 41 x 31mm, 1354 x 1024 pixels Size 3 : 54 x 27mm, 1783 x 891 pixels
Operating system	Windows 7, 8, 10 (32-64 Bits)



Medical device class IIa/CE0051. Read carefully the instructions before use.



Dealer's stamp

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