

X-RAY for the inside
F-RAY for the outside



BEYOUNG

Young and innovative company for
healthy and beautiful lifestyle for our
contemporaries

BEYOUNG

To search customised beauty for current generation, to support health care providers who provide quality service for their patients, and to solve complex problems of researchers who care about healthy beauty lifestyle, BEYOUNG takes a keen and young team of researchers, developers and producers, hands-on approach to objective and effective skin diagnostic equipment.

CEO
Donghyun Kim



Novel skin diagnostic equipment

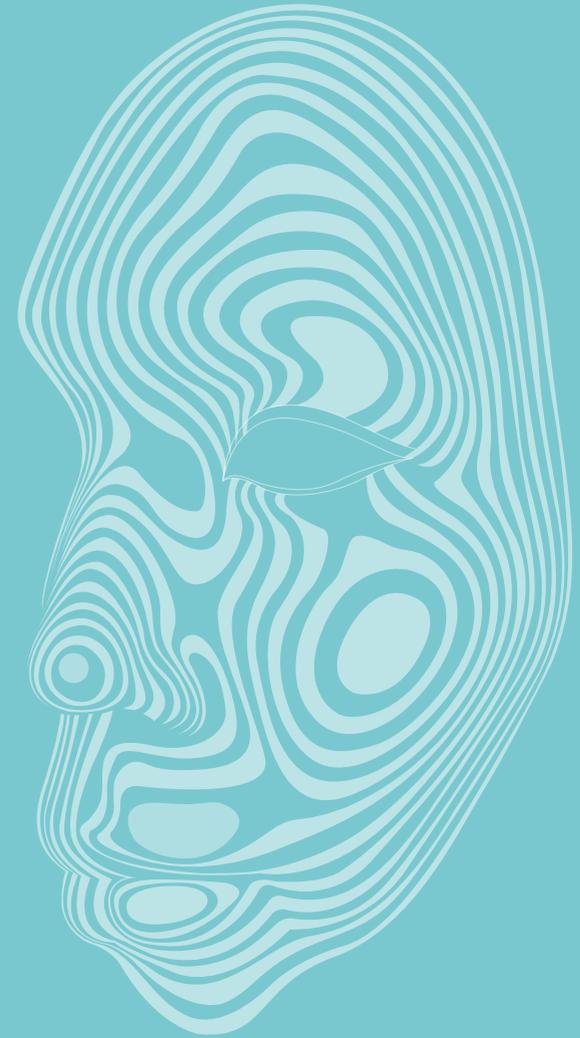
F-RAY

F-RAY is newly designed skin diagnostic equipment which enables people to image level of surface and wrinkles of face capturing contour line of subject namely Moire effect*, one sort of phenomenon of light.

02

** 'A wave pattern' in French. Moire pattern is large scale interference patterns that can be produced when an opaque ruled pattern with transparent gaps is overlaid on another similar pattern.*

F-RAY is applicable to all existing cosmetic surgeries supporting diagnosis and confirmation of results easily and apparently to meet both clinics and patients' needs.



Confident and Efficient Diagnostic Solution

Are you suffering from verifying the surgical result for patient? Give satisfaction and confidence to your patients. F-Ray enables you to show the effects of surgery with the captured images by anyone, in anywhere and at anytime, which haven't been allowed to general photography.



Standard images of Before & Afters



F-RAY images of Before & Afters

*Suffering from consulting
with your patients?*

*Missing the way of enhancing
your patients' satisfaction?*

*Uncomfortable
to face with claims?*

*Considering differentiated service
for your patient?*

Clear Communication

Customer Satisfaction

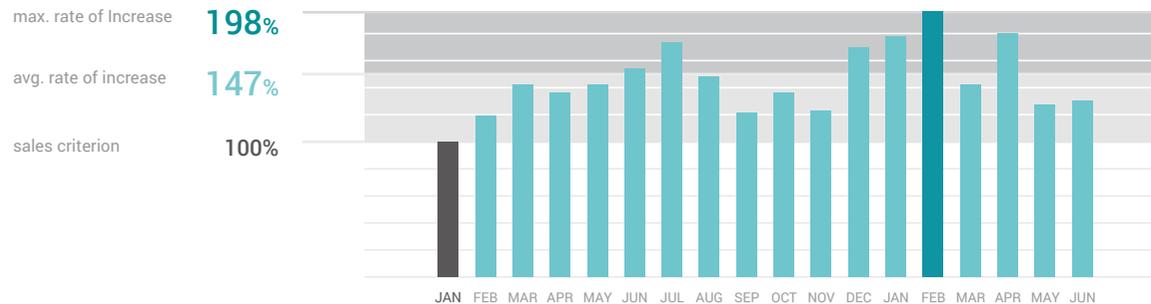
Less Complaint

Differentiation

Experience efficient consulting solution and increased sales effect.

A case of an uplift in sales at xx Dermatology in Seoul, South Korea.

*There are also other factors contributed to lifting in sales.





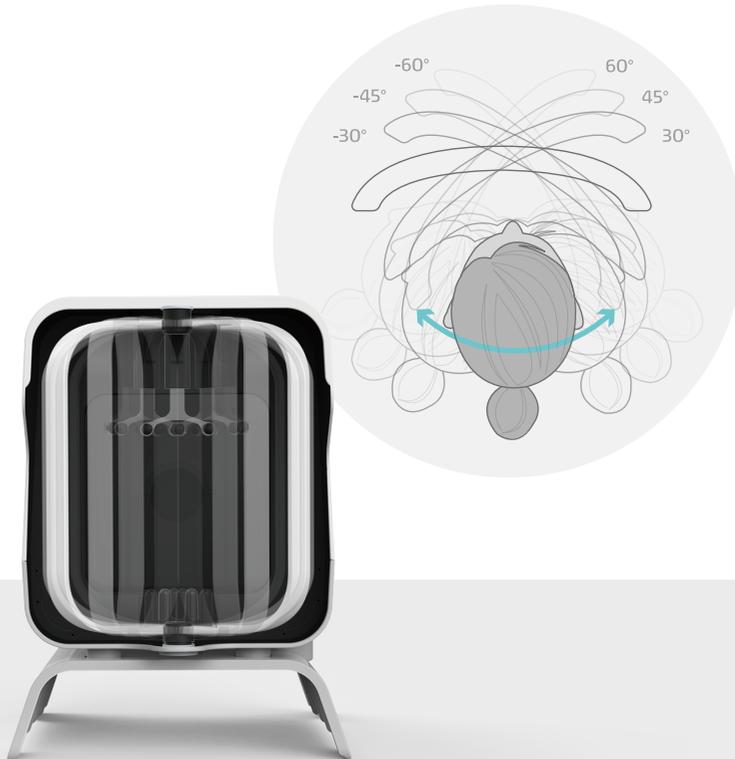
Patented and exclusive **Moire Filter**

As a newly designed skin diagnostic equipment, 'F-RAY', Beyoung have registered patents for exclusive Moire Filter, after years of research for expression of clear and precise contour line.



Seven Photographing Angles (front, right, left, 30°, 45°, 60°)

Patented cephalostat enables doctors to fix forehead and chin in seven photographing angles. Try more accurate analysis through diversely captured images by different angles of each different procedure and surgical field.





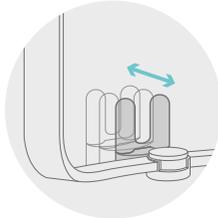
Customised Cephalostat

fitted different face contour

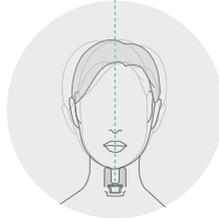
Cephalostat for forehead and chin, enabled to adjust multi-dimensional positions on up, down, back and forth makes face to be fixed on the right position.



Cephalostat for Forehead
Available on up, down,
backand forth



Cephalostat for chin
Available on back and forth



Cephalostat for Forehead
Horizontal and central
alignment



Constant Quality Image

irrelevant to surrounding environment

Patented and unique case and blackout installation make it possible to capture images with equal brightness and contrast without certain condition of light, time, place and weather.





18.0 Mega Pixel High-Resolution Image

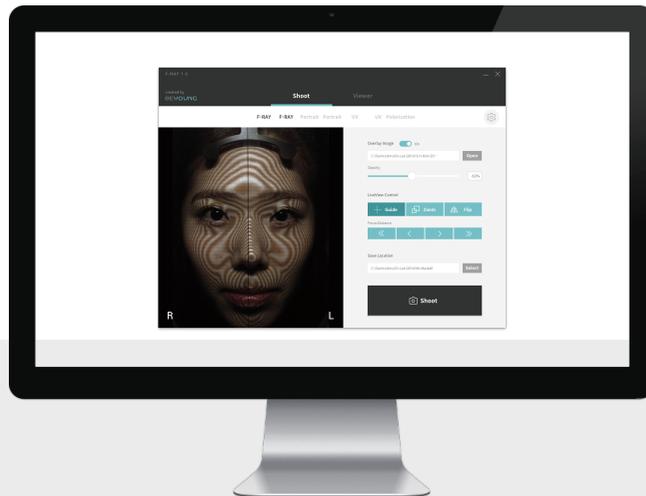
Patented lens make it easy to capture minute spots and wrinkles and print high-defined images.

**It is available to order custom-made equipment with different specification in case you need high-resolution.*



Simple Capturing Mode taking only 2 seconds

It is fast to capturing image, only in 2 seconds. Without education, F-Ray is easy and fast to be operated.



Monitor
32-inch

424mm

Total
Height

520mm



* 10kg, 350 X 600 X 520 mm

F-RAY

Capturing Mode

1

Portrait Mode

Equal quality and even beyond naked eye.

Portrait capture mode without fish-eye effect can take image of the closest facial figure with naked eye. Zoom and check the clear and vivid 18.0 mega pixel and high-resolution image without distortion to your patient.

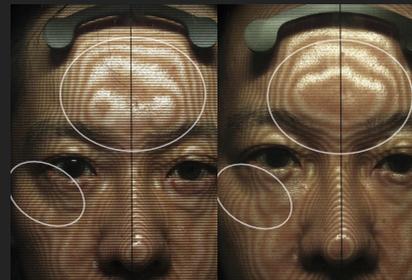


2

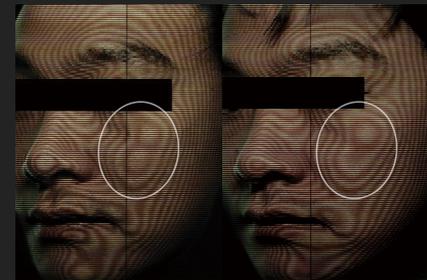
F-RAY Mode

Check symmetry, volume, wrinkles and laxity of skin all at once.

Check the exact and intuitive picture of facial contour, laxity and wrinkles. F-RAY support clear evidence through before and after surgical effect efficiently.



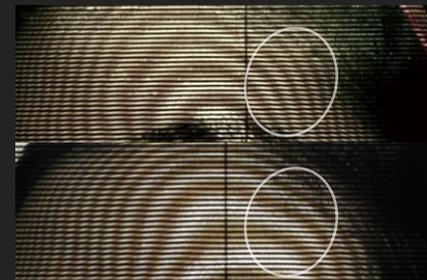
BEFORE AND AFTERS **Dermal Fillers**
Improved asymmetric shape after dermal fillers treatment.



BEFORE AND AFTERS **Face Lifting**
Lifted facial contour after laser treatment



BEFORE AND AFTERS **Thread Lifting (PDO)**
Eased asymmetric shape and volume.



BEFORE AND AFTERS **Botox Treatment**
Reduced uplifted temples after botox treatment

3

UV Mode

UV capturing mode to check invisible blemishes.

UV capturing mode make it easy to see blemishes, freckles and pores of skin.

F-RAY UV capturing mode installed special LED make doctors and patients feel more confidence for their surgical result with lighter and more vivid image than any other diagnostic equipment.



+

Our Plan

Polarization Mode

Installed polarizing filter to view facial contour clearly

Dermal Light Mode

To compare facial brightness more precisely

** If new capturing mode is added, you can upgrade by supplying module on the equipment you have purchased. If you require an upgrade, we will offer a updated programme at a reasonable price.*

Easy and convenient way to capture Professional Images

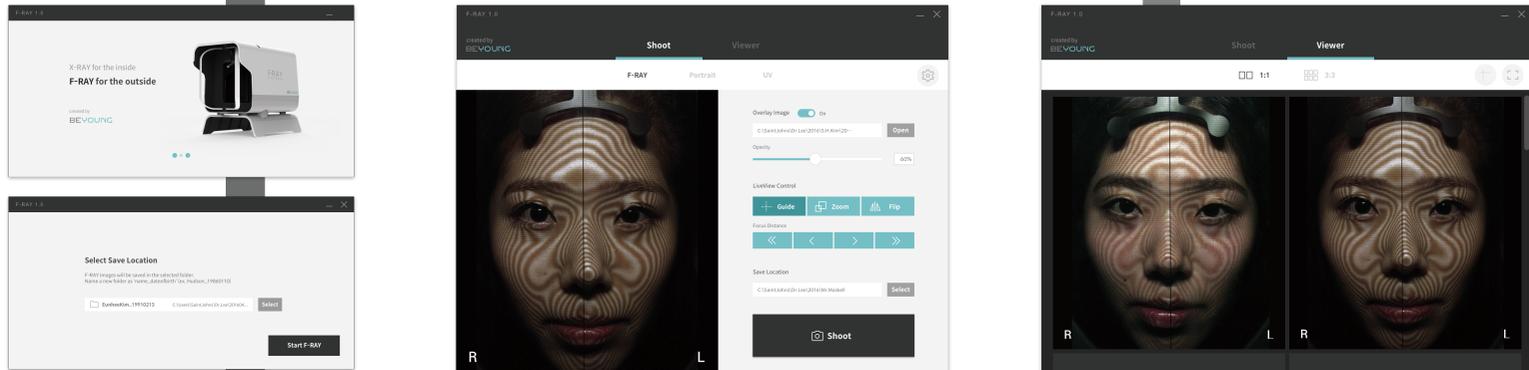
Start



Capture



Check!

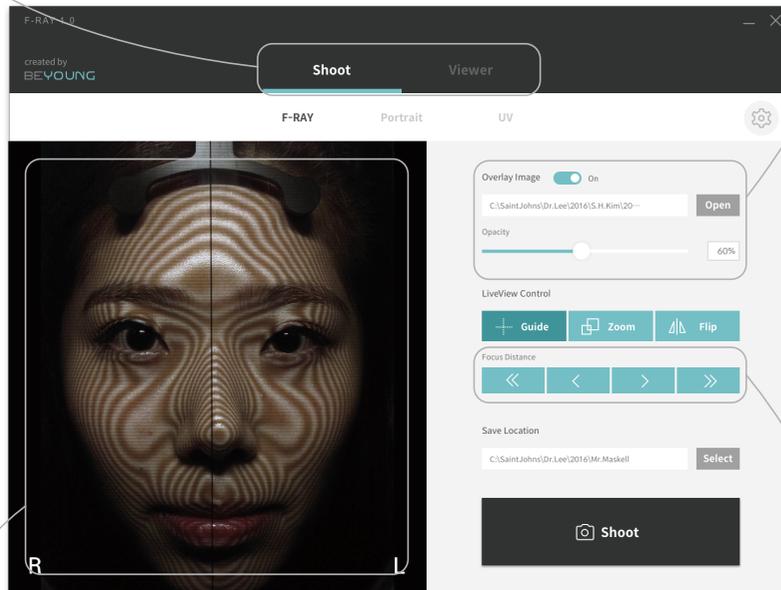


Shoot / Viewer Menu

Easy to move between the Shoot and Viewer menu. You can confirm and zoom in the image in the Viewer menu.

Overlay Function

You and your patient can compare overlaid before and after images and confirm the changes precisely.



LiveView Screen

You can check the subject in a real-time.

Focus Adjustment

Focus adjustment make it clear to view quality image.

Requirements

OS support

Window 10
Window 8.1
Window 8
Window 7*

* Microsoft .NET Framework4.5 installation required.

Workstation

CPU	CPU Core 2 Duo 2.0GHz or higher spec. (Core-i series recommended, or higher)
RAM	2.0GB, or higher spec. (4.0GB recommended)
Drive	Space required at least 300MB for drive installation

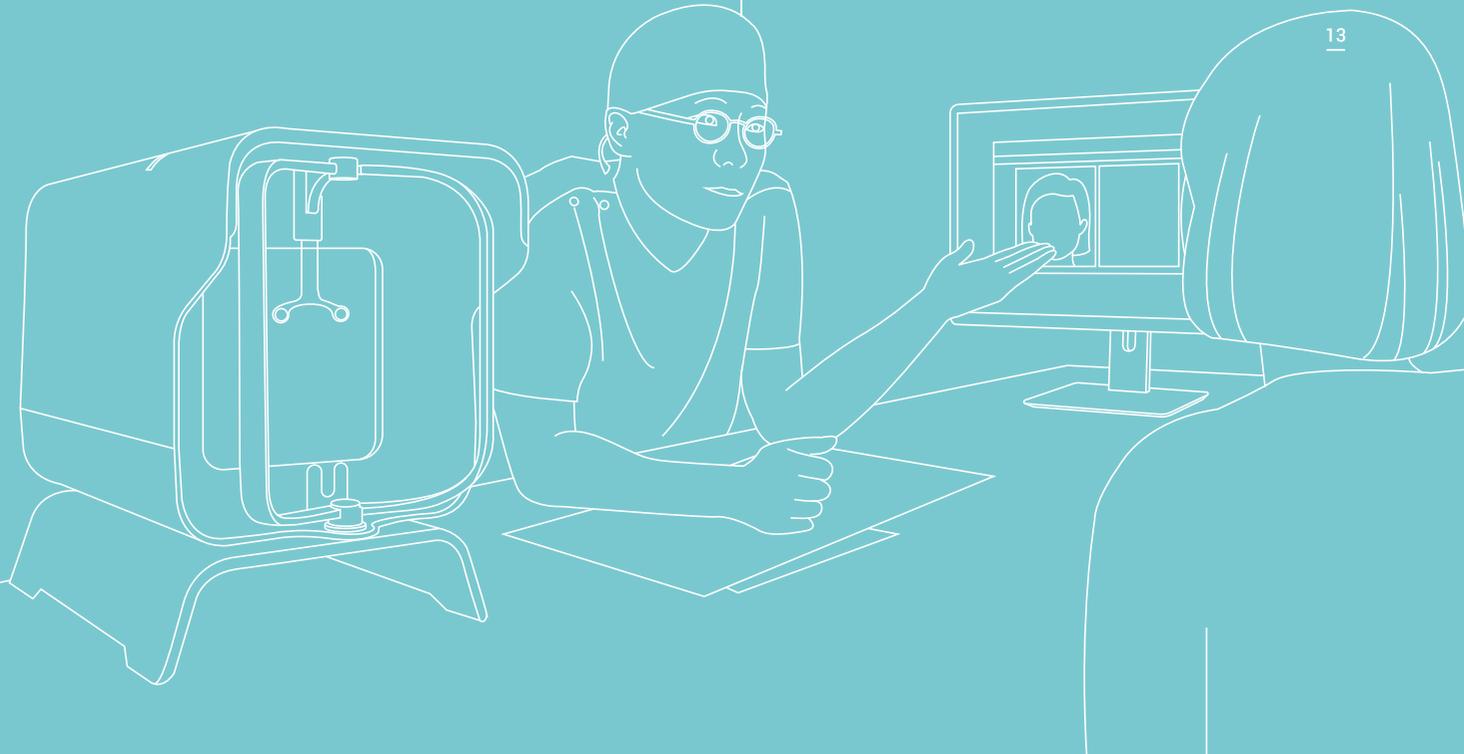
Display

Resolution	XGA (1,024 X 720) resolution, or higher resolution strongly recommended (1,600 X 1,200, or higher)
Color	16 Bits screen colour (65,536 colours), or higher

Convenient Installation Easy Sharing

available almost everywhere

F-RAY is easy to use just with PC for programme application, irrespectively of place. You can also share with other PC placed in your clinic connecting network.



FAQ.

Q Is F-RAY technology owned by BEYOUNG?

A A No, it is not. "Moire" effect is one sort of light phenomenon and large scale interference patterns that can be produced when an opaque ruled pattern with transparent gaps is overlaid on another similar pattern. F-RAY applied this principle.

Q Then, what is exclusive BEYOUNG technology?

A A Moire effect is considered as shadow phenomenon. BEYOUNG developed optimized equipment for skin diagnosis applied above phenomenon and our developed technology set out below. Firstly, available to control Moire pattern. Modifying spaces and number of lines, it is designed to view contour lines more clearly and precisely.

Secondly, removal horizontal lines. To generate Moire effect, filter must be located close to the subject, and it is inevitable to avoid appearance of horizontal lines. BEYOUNG possesses the technology enabled to remove lines.

Thirdly, applied our exclusive technology as a refined equipment. All of technologies are on patent-pending.

Q Have the F-RAY certified as a medical equipment?

A No, it hasn't. The process of certification as a medical equipment is very complex and also, there are problems in terms of global trade. Therefore F-RAY will be registered as a camera assistant system or a lighting equipment, then through collaborative research with international universities, F-RAY will be prepared for registration as medical equipment.

Q What does it mean to upgrade equipment?

A F-RAY is designed to add varied functions after purchase from the beginning. And we will offer additional functions at a reasonable price without buying new product. (software upgrade included)



Moire horizontal line removal technology of BEYOUNG

BEYOUNG

BEYOUNG Ltd. Inc.

2F, 27, Nonhyeon-ro 102-gil,
Gangnam-gu, Seoul, Korea

+82 2 965 9480

dh.kim@beyoung.co.kr

www.beyoung.co.kr