



**Build the *ultimate*
dry eye system**

**Customizable
multi-modality
workstation**




**Health Canada
Approved for
the Treatment
of Dry Eye**

darwinTM

DESCRIPTION		SPECIFICATION			
SYSTEM					
Input power	AC 220 - 240 V, 50/60 Hz, 16A				
Display	LCD Touchscreen				
Dimensions(mm)	640(W) x 687(D) x 1395(H)				
Weight(Kg)	149(accessories included)				
IPL HANDPIECE					
Lamp	Xenon				
Wavelength	430-980nm				
Filters	ST Mode: 430nm 515nm 560nm 585nm 640nm		HR Mode: 700nm		
Fluence	Max 35 J/cm ²				
Spot Size	15mm x 40mm				
Pulse Type	ST Mode: Single Double Triple Toning		HR Mode: Single Double Triple		
RF HANDPIECE					
RF Frequency(MHz)	4				
Operation Type	Monopolar				
Power(W)	Level	TRF-E	TRF-R	TRF-S	
	1	0	0	0	
	2	5.0	12.0	12.0	
	3	5.7	15.8	16.8	
	4	6.4	19.6	21.6	
	5	7.1	23.4	26.4	
	6	7.8	27.2	31.2	
	7	8.5	31.0	36.0	
Pulse Duration	100 ~1000 ms				
Tip	TRF-E	TRF-R	TRF-S		
Treatment Area	0.38 cm ²	2.54 cm ²	3.61 cm ²		
Rated Accessory Voltage	77.5 Vrms	158.1 Vrms	173.2 Vrms		
Continuous/Shot	Continuous	Continuous	Shot		
Life of Tip	3600 sec	3600 sec	2000 sec		
Ground Pad	150 mm x 120 mm				
Handpiece Dimensions(mm)	188.7 (W) x 38.0 (D) x 44.4 (H)				
Handpiece Weight(Kg)	0.35				



Advantages

- ✓ Multi-modality - 5 systems in 1
- ✓ Customizable - endless treatment combinations
- ✓ Grows with your business - add new handpieces at any time
- ✓ Convenient user interface - easy to use with built in pre-sets
- ✓ Non-invasive - safe with little to no downtime

Advanced & customizable *multi-modality* workstation

The DARWIN multi-modality workstation offers a complete selection of complementary handpieces to suit your business needs. Expand your system at any time by simply plugging in a new handpiece.

Popular treatments: hair removal, pigment & vascular lesions, acne reduction, skin tightening, scar and stretchmark reduction, wrinkle reduction, skin texture and tone.

BUILD YOUR SYSTEM



BARE 808



LUCENT IPL



PROLIFT RFM



PROLIFT HIFU



REFRESH RF

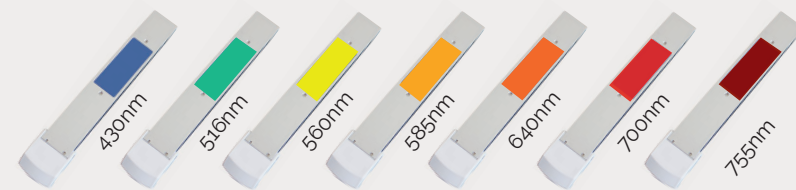
Intense Pulse Light Handpiece

IPL technology is quickly becoming the gold standard for the treatment of dry eye. The DARWIN IPL offers several unique benefits including an advanced cooling system and multiple pulse modes for ultimate patient comfort.

1 handpiece multiple IPL applications

7 filters for expert IPL treatments

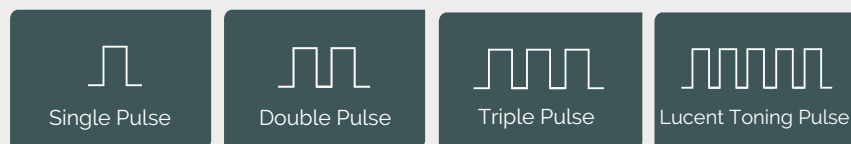
Choose between 7 expert filters to treat multiple conditions. Reduce errors and improve safety with filter detection technology.



High power & advanced pulse technology

Most powerful IPL system on the market

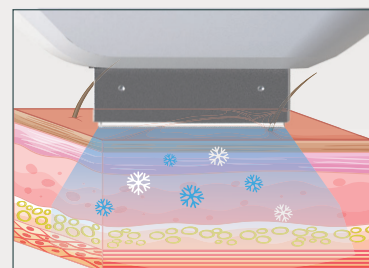
At 3500 Watts DARWIN IPL delivers the highest power on the market



Choose from 4 pulse modes

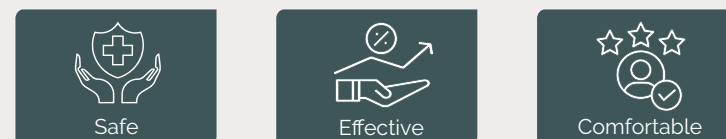
Enhance treatment results with four specifically designed pulse modes for safe, effective and comfortable treatments.

Advanced cooling technology



Enhance patient comfort and safety

Automatic cooling protects the epidermis, increases patient comfort, reduces erythema, and improves the efficacy of IPL treatments.



Three Light Guide Filters for Maximum Treatment

Choose from 3 light guides

Improve treatment with 3 light guides to choose from the ultimate fit for each patient.



Convenient user interface



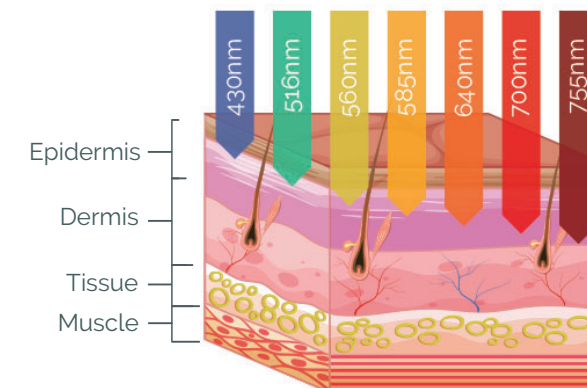
Built-in presets for the most popular treatments

Benefit from a user friendly interface and LCD Touch Screen to navigate and select treatment parameters based on skin types.

HOW IPL WORKS



DARWIN IPL technology delivers energy at different wavelengths to target the root cause of ocular inflammation. The filtered light is absorbed by the skin and converted to thermal energy, which targets the inflammatory vessels surrounding the eye, shutting them off and reducing inflammation.



Other Popular IPL Treatments



Acne



Signs of aging



Pigmentation & sun damage



Vascular lesions



Hair removal

DARWIN IPL IN ACTION



Thermal Radio Frequency Handpiece

Thermal Radio Frequency (RF) has been widely used by aesthetic professionals for over 10 years as an effective modality to brighten and rejuvenate photoaged skin. Optometrists are now using this technology as a means to increase the overall health of the periorbital area. The DARWIN RF handpiece offers 3 different tip sizes and 2 treatment modalities to effectively treat your patients' periorbital area comfortably with no downtime.

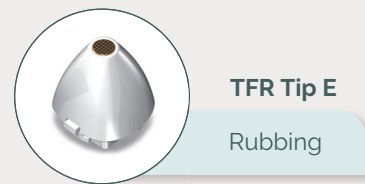
3 treatment tip options for multiple treatment areas



TRF Tip R
Rubbing



TRF Tip S
Shot



TRF Tip E
Rubbing

Shot and rubbing treatment modes

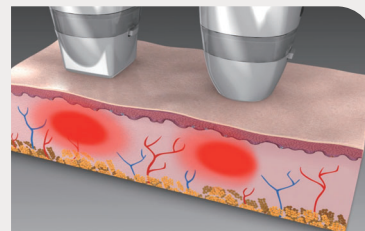
Switch between 2 treatment modes for effective volumetric heating and therapeutic tissue stimulation. When used together this powerful combination enhances treatment outcomes.

The shot mode shoots intensive thermal RF energy to the deep dermal tissue to promote collagen remodeling.

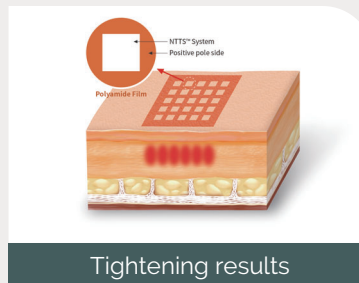
SHOT MODE

The rubbing mode delivers RF energy delicately to the epidermal tissue in a safe and smooth manner, increasing patient comfort and satisfaction.

RUBBING MODE



Non-Pole Thermal Structure (NTTS™) technology



Tightening results

NTTS technology delivers focused and uniform thermal RF energy into the dermal layer of the skin without damaging the epidermis. The RF treatment makes collagen contract immediately and promotes collagen remodeling and long-term tightening results.

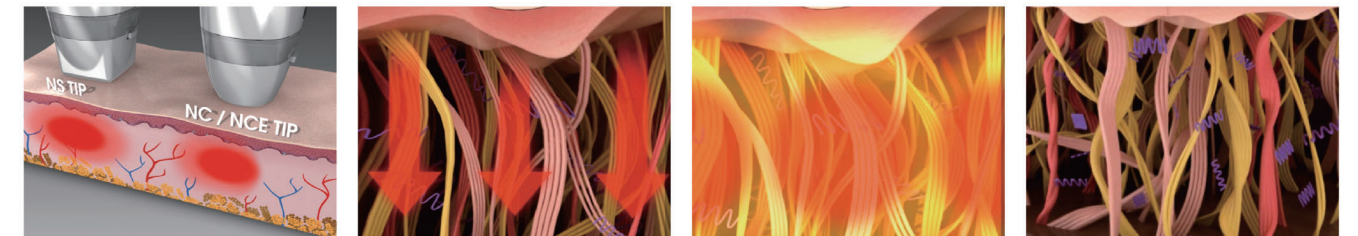
Easy & Comfortable

The entire treatment process is easy and comfortable for the operator and the patient.

- Lightweight handpiece design
- Easily interchangeable tips
- Built-in temperature sensor and safety controls

How RF works

Focused RF thermal energy is delivered through NTTS technology into the dermis. This non-invasive treatment works immediately to heat the targeted area, helping induce blood circulation and contracting collagen while remodeling collagen for periorbital rejuvenation. The application of heat also stimulates the glands in the periorbital region and helps to liquefy the oils in clogged glands, helping to improve overall eye health.



1. Thermal RF treatment → 2. Delivery of Thermal RF to dermis → 3. Dermal tissue stimulation and damage → 4. Remodeling of collagen and elastin

Other Popular RF treatments



Neck tightening



Facial firming & lifting



Eyelid and eyebrow lifting



Wrinkle reduction

DARWIN RF IN ACTION



darwin RF™



