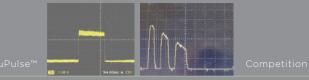
Wavelength	755 nm	1064 nm
Max Energy	53 J	80 J
Pulse Duration	3 ms	0.1 - 300 ms
Treatment Spot Size	5-18 mm, Zoom	3-12 mm, Zoom
Repetition Rate	Single Shot to 2 Hz	Single Shot to 10 Hz
Epidermal Cooling	Cold Sapphire, Adjustable 4 - 20°C	
Aiming Beam	635 nm	
Dimensions	35" H, 12" W, 24" D	
Weight	185 Lbs.	
Electrical	200-240 VAC, 50/60 Hz, 20A/30A	

# **Proven Innovation**



ruPulse™—the only true long-pulse Nd:YAG to deliver consistent and sustained energy throughout the pulse duration

The only high-power Alexandrite/Nd:YAG laser hair remova workstation with sapphire contact cooling

Long-pulsed 1064 nm Nd:YAG is considered the safest wavelength for hair removal in skin types IV-VI<sup>1,2</sup>

Sapphire contact cooling is superior for lase hair removal—index matching and compressio efficiently heats target structures while pre, paralle and post cooling spares the epidermis

Recognized performance for the treatment of leg veins

Versatile and acclaimed Nd:YAG clinical utility

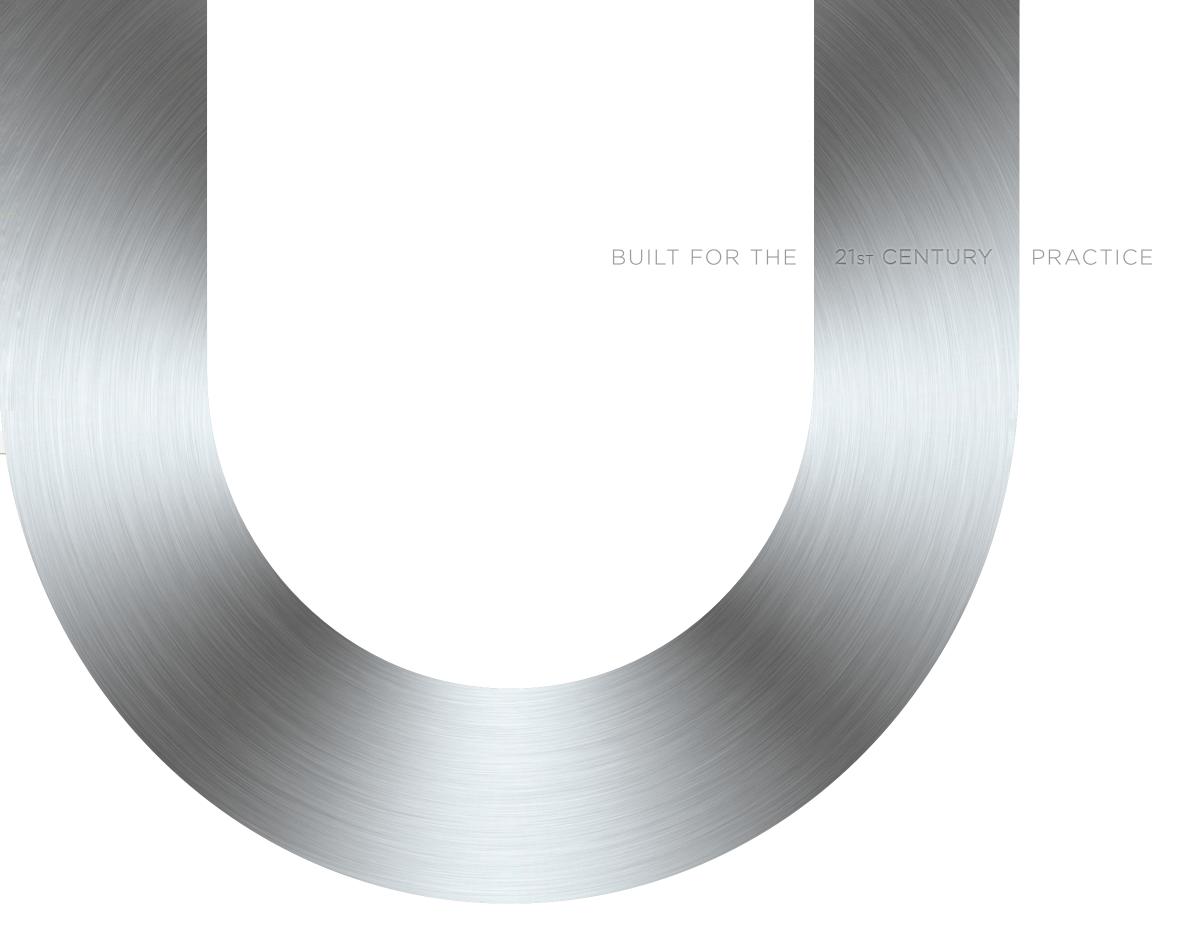
### Explore More.

Introduce your patients to 21st century hair removal with **excel HR™** 

Contact your local CUTERA representative today. 888 4-CUTERA • www.cutera.com

### CUTERA

CUTERA, INC. WORLD HEADQUARTERS 3240 Bayshore Boulevard • Brisbane, California 94005 USA P: 888 4-CUTERA or 415 657 5500 • F: 415 330 2444





### Another First from the Pioneer and Leader in Nd:YAG laser technology

excel HR<sup>™</sup> combines high-power 755 nm Alexandrite and the wide-range versatility of proven 1064 nm Nd:YAG with the superiority of sapphire contact cooling to offer the most advanced premium hair removal solution for all skin types.

CUTERA

excel HR—redefining safe, effective and comfortable laser hair removal for the 21st century.



# Modern Ergonomics

Modern ergonomic design delivers a more refined handpiece that feels like an extension of your hand. Say goodbye to bulky handpieces awkwardly paired with external chilling hoses, lasers with long warm-up times and constant re-calibration, limited parameters, and fragile fiber delivery.

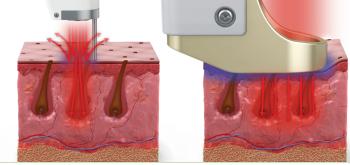
#### Performance & Efficiency

- High-performance dual wavelength laser system (755/1064)
- Proprietary truPulse<sup>™</sup>—Nd:YAG technology
- Real-time calibration—instant access to all parameters without recalibration or delays
- Quick warm-up time and runs quiet and cool
- Reliable solid-state design

Compression shortens distance to follicular target structures for more efficient heating Direct optical coupling reduces scatter and the accumulation of heat under the skin surface.

# Superior Safety and Efficacy

To effectively target deep follicular structures and deliver energy more efficiently, excel HR utilizes index matching and compression via sapphire cooling contact. The result? Enhanced hair reduction efficacy using less fluence with improved patient comfort.



Refractive index mismatch between air and skin results in less efficient coupling of laser energy to target structures

Sapphire refractive index is optimally matched to the epidermis and results in more efficient coupling of laser energy to target structures Refractive index mismatch causes internally reflected laser light to accumulate under the skin and contribute to epidermal heating Index matching allows back scattered light to escape, further protecting the epidermis from heat build-up

### **Comfort** Before, During & After

Epidermal protection is of heightened concern when treating darker skin types—contact cooling is preferred due to its parallel cooling abilities.<sup>4</sup>

excel HR's sapphire contact cooling offers continuous cooling before, during and after each laser pulse maximizing patient comfort and minimizing risk of under-cooled and over-treated areas—the epidermis is protected with each and every pulse.

### Economic by Design

Modern design brings economic efficacy. What is your true cost of ownership? CUTERA proudly offers the excel HR system with an unmatched, comprehensive bumper-to-bumper

warranty—with NO running expenses.

#### Versatility & Convenience

- Hair, vascular and pigment indications
- Motorized spot size adjust—no switching of fiber-optic assemblies
- Small footprint to fit any size practice
- Robust, extra-long 3 meter fiber for optimal reach and easy patient access

#### Value-add & Security

- NO consumables
- NO per click, per shot, per patient costs
- NO cost for damaged or broken fibers\*
- NO cost for flashlamp replacement\*
- One-year comprehensive warranty

#### Comfort & Safety

- Premium Sapphire Contact Cooling—before, during and after each pulse
- Adjustable temperature setting (4° 20° C)
- Emits no chlorofluorocarbons (CFC's)
- Safe for all skin types