

THE WORLD'S FIRST SmartLASER®

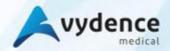






What does it mean to be SMART?

- Internet conection
- Remote and online intelligent diagnostic system;
- Reports with maintenance history available online
- Control date and time of use with parameter settings
- General usage rate and shots per handpiece



2 models of full-cavity laser system

• **ZYE YAG**®: LASER platform with high power and versatility Nd:YAG cavity (1064nm),

• ZYE ALEX®: LASER platform with super versatile ALEXANDRITE cavity (755nm).



ZYE®: SMART LASER PLATFORM

ZYE

FEATURES & TECHNOLOGY



	ZYE ALX
Wavelength	ALEXANDRITA 755 nm
Available Spots Plug-and-Play	3 to 24 mm
Available Spots Digital Zoom	3 to 18 mm
Power Output	55 J
Pulse Time	300 µS to 300 ms
Repetition Rate	DYNAMICS®: up to 20 Hz LongPulse®: up to 3 Hz
Cooling	sapphire window or air cooling
Consumables	No
Platform	Yes



ZYE ALX: SMARTLASER PLATFORM

FULL-CAVITY LASER SYSTEM WITH ALEXANDRITE 755 nm

- Hair Removal
- Pigmented Lesions
- Vascular Lesions



ZYE®: SMART LASER PLATFORM

ZYE

FEATURES & TECHNOLOGY



	ZYE YAG
Wavelength	1.064 nm
Available Spots Plug-and-Play	3 to 24 mm
Available Spots Digital Zoom	3 to 18 mm
Power Output	100 J
Pulse Time	200 μS to 300 ms
Repetition Rate	DYNAMICS: up to 20 Hz LongPulse: up to 3 Hz INTENSE: continuous
Cooling	sapphire window or air cooling
Consumables	No
Platform	Yes



FULL-CAVITY LASER SYSTEM WITH ND:YAG 1064nm



Indications:

- Vascular Lesions
- Skin Tightening
- Thermal Peel
- Hair Removal
- Onychomycosis



ZYE®: SMART LASER PLATFORM

THE WORLD'S FIRST SMART LASER



3-24/HR

Hair removal



8-18/HR

Hair removal



5-15/LT

LASER tightening

*Not available for ZYE ALX®



Vascular lesions

3-10/VL





18/HR

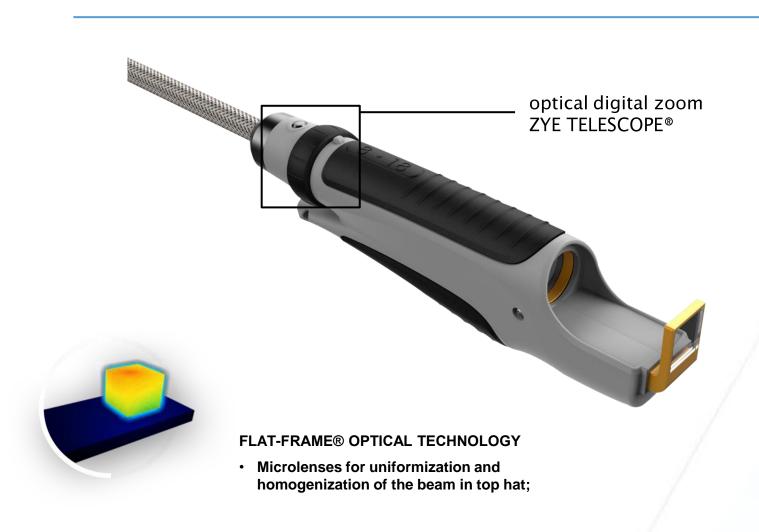
FEATURES & TECHNOLOGY

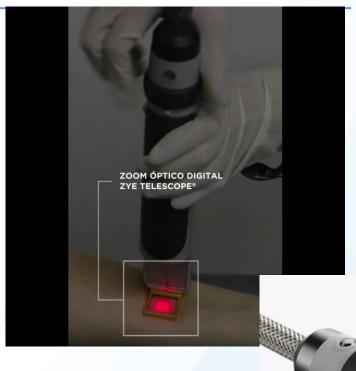
ZYE

TECHNICAL CHARACTERISTICS



	8-18/HR						
Wavelength	ALX 755 nm / YAG 1064nm						
Operating mode	LongPulse [®]						
Maximum fluence	Up to 80 J/cm2 – ALX Up to 130 J/cm2 – YAG						
Pulse time	3 to 300 ms						
Operating frequency	Up to 3 Hz						
Spots	8 mm 14 mm 10 mm 16 mm 12 mm 18 mm						
Additional	Sapphire cooling Digital optical zoom Top Hat beam						







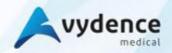




simultaneous cooling COOL-&-CLEAR®

sapphire window for more comfort and visibility

Square spot: 25% larger area than round spots, as well as providing more uniform treatment;



Application Technique









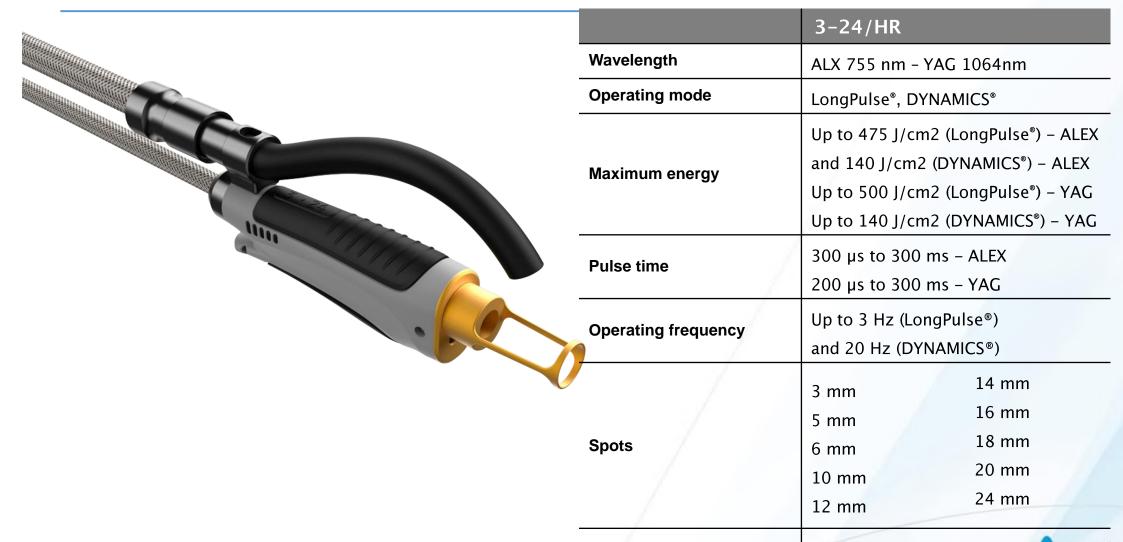
3-24/HR

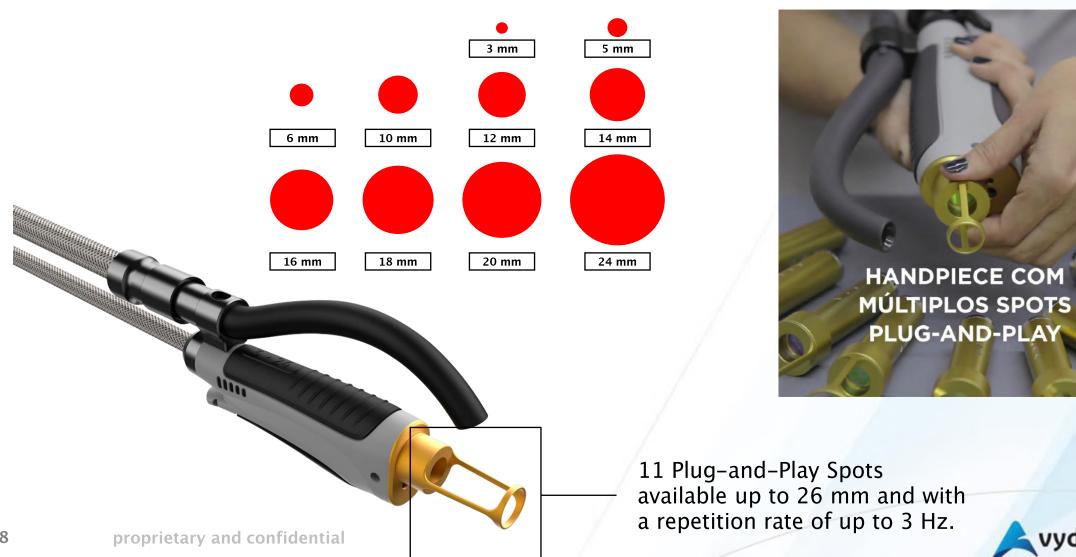


FEATURES & TECHNOLOGY

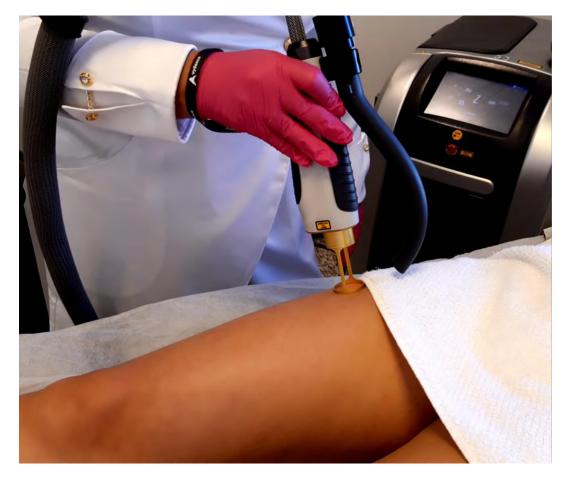
ZYE

TECHNICAL CHARACTERISTICS





Application





LONGPULSE mode

DYNAMICS® mode

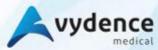


Pulse Time and Fluency

8/18 HP - ZYE ALEX

Spots with broad options for pulse times and fluence for personalized treatments.

	AVAILABLE FLUENCES														
SPOT									PULS	E TIM	IE (m	s)		/	
(mm)	3	5	10	15	20	30	40	50	60	70	80	90	100	200	300
8			8 to	o 80 J/	cm²					8	to 75 J	8 to 60 J/ cm ² 8 to 50 J/			
10	8 to 50 J/cm ² 8 to 45 J/cm ²									8 to 45 J/cm ²	8 to 40 J/ cm ²	8 to 35 J/ cm ²			
12	8 to 36 J/cm ² 8 to 34 J/cm ² 8 to 32 J/cm ²									8 to 32 J/cm ²	8 to 28 J/cm ²	8 to 24 J/cm ²			
14	6 to 26 J/cm ²										6 to 20 J/cm ²	6 to 16 J/cm ²			
16			4 to	o 20 J/	cm²					4	4 to 16 J/cm ²	4 to 13 J/cm ²			
18			4 to 16	5 J/cm²	2			4 to 15 J/cm ² 4 to			to 14 J/cm²	4 to 12 J/cm ²	4 to 10 J/cm ²		



Pulse Time and Fluency

ZYE

3/24 HP – ZYE ALEX

Spots with broad options for pulse times and fluence for personalized treatments.

	AVAILABLE FLUENCES														
SPOT		PULSE TIME (ms)													
(mm)	3	5	10	15	20	30	40	50	60	70	80	200	300		
3	100 to 475 J/cm ²														
5	30 to 250 J/cm ² 30 to 230 J/cm ²										7	30 to 200 J/cm ²	30 to 170 J/cm ²		
6	30 to 180 J/cm ²											30 to 140 J/cm ²	30 to 120 J/cm ²		
10	16 to 60 J/cm ²											16 to 50 J/cm ²	16 to 40 J/cm ²		
12						1	0 to 40) J/cm²	2					10 to 35 J/cm ²	10 to 30 J/cm ²
14			8 to 34	J/cm²	!				8	3 to 32	J/cm²			8 to 26 J/cm ²	8 to 22 J/cm ²
16		6 to 26 J/cm ² 6 to 24 J/cm ²				cm²				6 to 20 J/cm ²	6 to 16 J/cm ²				
18			4 to 22	! J/cm²	!			4	to 20	J/cm²		4 to 16 J/cm ²	4 to 13 J/cm ²		
20			3 to 18	3 J/cm²	!				3	3 to 16	J/cm²	3 to 13 J/cm ²	3 to 11 J/cm ²		
22			3 to 15	J/cm ²	!			3 to 13 J/cm ²				3 to 10 J/cm ²	3 to 9 J/cm ²		
24			2 to 12	. J/cm²	!				í	2 to 11	J/cm²			2 to 9 J/cm ²	2 to 7 J/cm ²





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Neck before and after 4 sessions

hand finger before and after3 sessions

Courtesy: Valeria Campos, MD, Dermatologist – Jundiai – SP - Brasil







3-10/VL

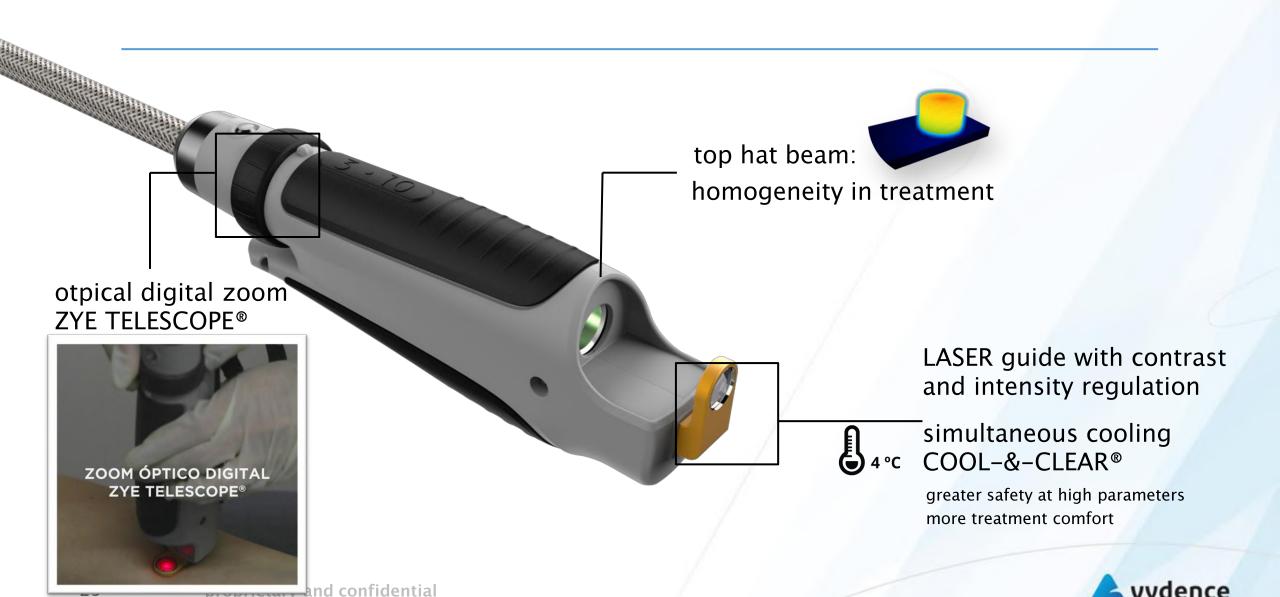
FEATURES & TECHNOLOGY

ZYE

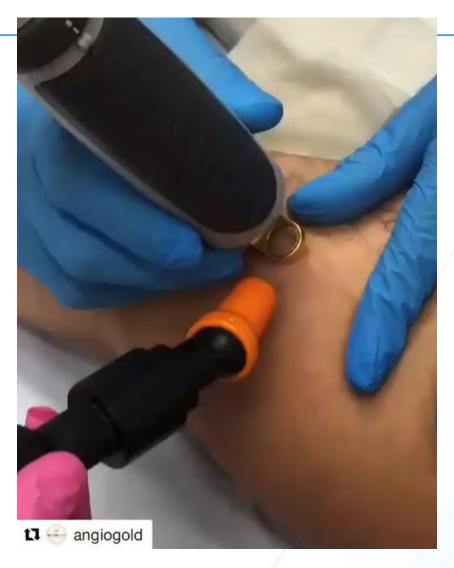
TECHNICAL CHARACTERISTICS

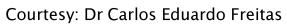


	3-10/VL						
Wavelength	ALEX 755 nm, YAG 1064nm						
Operating mode	LongPulse®, DYNAMICS®						
Maximum fluence	Up to 140 J/cm² (DYNAMICS®) – ALEX and 475 J/cm² (LongPulse) – ALEX Up to 140 J/cm² (DYNAMICS®) – YAG and 500 J/cm² (LongPulse) – YAG						
Pulse time	300 µs to 300 ms – ALEX 200µs to 300 ms – YAG						
Operating frequency	Up to 3 Hz (LongPulse) and 20 Hz (DYNAMICS®)						
Spots	3 mm 8 mm 5 mm 10 mm 6 mm						
Additional	Sapphire cooling Digital optical zoom Top Hat beam						



Application





Just LASER

Before

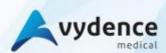


Spot 5mm 20ms 120J/cm2

After 1 session



Courtesy - Dra Fabíola Welter Ribeiro - Cascavel, RS, Brasil



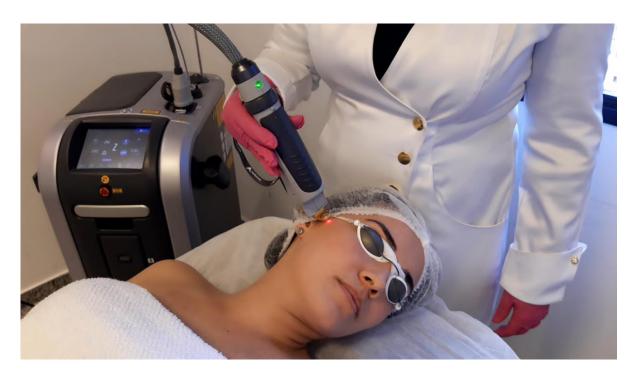


Hair removal – LONGPULSE mode (ZYE YAG®)



Hair removal - Right after

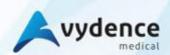




Thermal peeling - DYNAMICS® mode - ZYE YAG®



Onychomycosis – DYNAMICS® mode (ZYE YAG®)



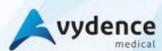
PULSE TIME AND FLUENCY

ZYE

HP 3/10 - ZYE YAG

Spots with broad options for pulse times and fluence for personalized treatments.

	AVAILABLE FLUENCES														
SPOT		PULSE TIME													
(mm)	3	5	10	15	20	30	40	50	60	70	80	90	100	200	300
3			100 to 500 J/cm ²								_	-			
5	40 to 180 J/cm ²		40 to 250 J/ cm ²								-	-1			
6	40 to 120 J/cm ²	40 to 200 J/cm ²	40 to 250 1/ cm ²								7				
8	10 to 70 J/cm²	10 to 110 J/cm ²	10 to 140 J/ cm ²												
10	10 to 45 J/cm²	10 to 70 J/cm²						10 tc	110 J	/ cm²					







5-15/LT

FEATURES & TECHNOLOGY

ZYE

TECHNICAL CHARACTERISTICS

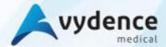


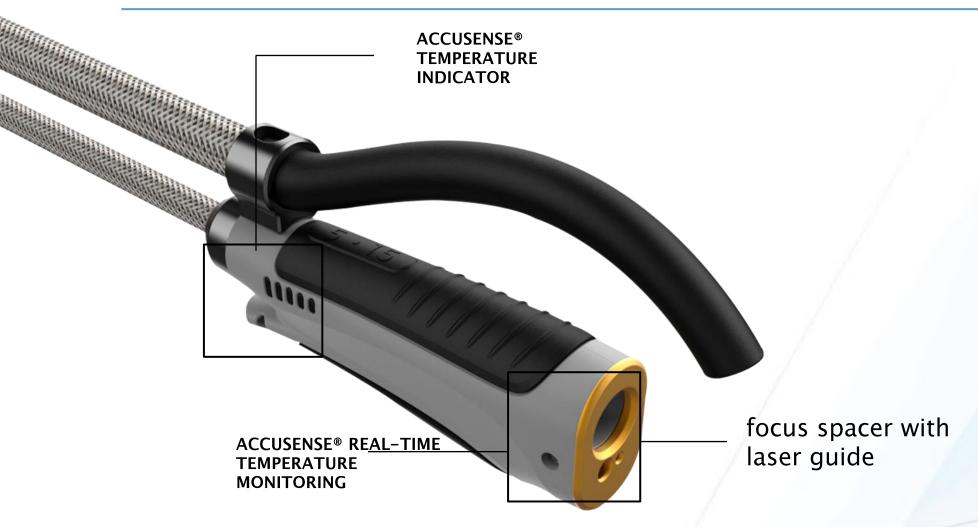
	5-15/LT					
Wavelength	Nd:YAG 1.064 nm					
Operating mode	Intense®, DYNAMICS®					
Maximum energy	Up to 50W (Intense °), 50 J/cm2 (Dynamics°)					
Pulse time DYNAMICS®	200 μs to 1 ms					
Exposure time INTENSE® (contínuo)	5, 10 and 15 seconds					
Operating frequency	Up to 20 Hz					
Spots	5 mm 10 mm 15 mm					
Additional	Cold-air cooling ACCUSENSE® temperature Focus spacer with LASER guide					

OPERATING MODES

Two operating modes with different pulse times to deliver energy more **aggressively** in long pulses or more **comfortably** by accumulating heat in short pulses.

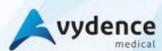
	INTENSE	DYNAMICS			
Definition	Continuous delivery of energy until reaching the determined time or quantity of accumulated energy (kJ).	Energy delivery in micro-pulses for gradual, homogenous and controlled heating.			
Pulse Time	Continuous	200 μs to 1 ms			
Characteristics	Volumetric heating	More comfortable			
Indication	Facial LaserBody Laser	 Thermal peeling Flushing from rosacea Stretched pores Onychomycosis 			









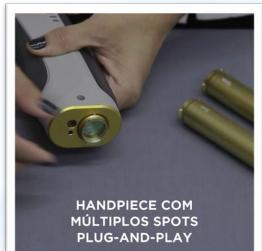


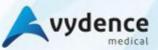
3 spotsizes with PLUG-AND-PLAY system and 2 modes of operation: INTENSE (exclusive of 5-15/LT) and DYNAMICS®





air cooling coupler



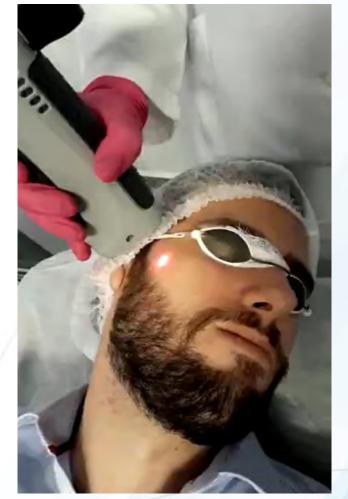


Application

LASER Tightening – INTENSE® mode – ZYE YAG®







Thermal peeling - DYNAMICS® mode - ZYE YAG®

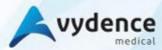


LASER Tightening





Before and after 2 sessions: 15mm/30w/15s



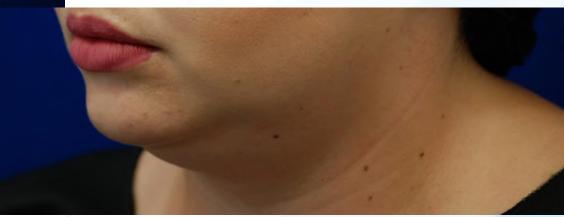
ZYE



Before and after 6 sessions: 15mm/30w/15s

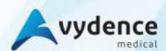
Cortesia Dra Valeria Campos





Before and after 7 sessions: : 15mm/30w/15s

Cortesia Dra Valeria Campos











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- greater tip cooling (2°C);
- **side-protection, light anti-scattering system,** improving overall handpiece performance;
- **integrated calibration system** for light output energy measurement.



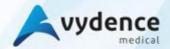
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DYNAMICS®

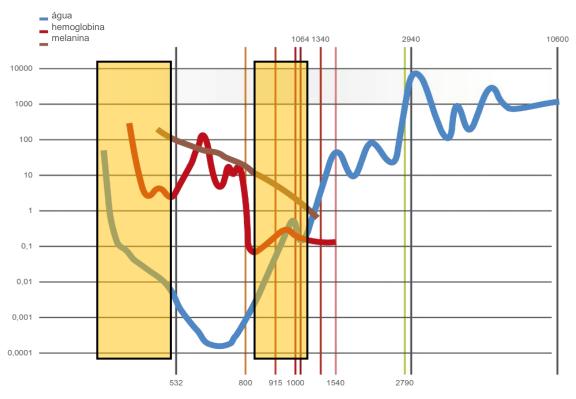
- in-motion;
- DYNAMICS® with the frequency up to 3 Hz;
- it is possible to use with all wavelengh except 390nm.





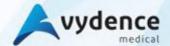
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Dual-Band 390 nm



- special 2-in-1 cut filter;
- new 390-510 / 850-1200nm dualband filter for the treatment of active acne, vitiligo and psoriasis;
- anti-inflammatory effect;
- melanin stimulus;
- action on endogenous porphyrin (*P.Acnes*).

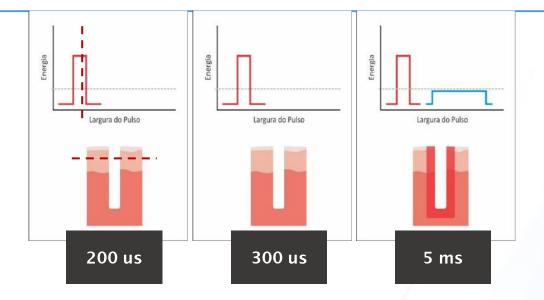




DUALM DE

Spot 12mm



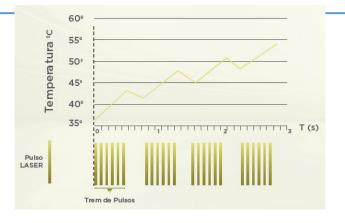


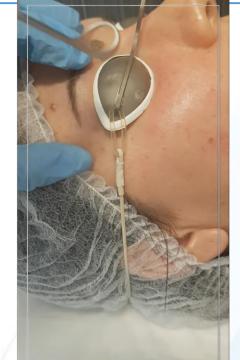


- minimally ablative effect;
- 12 mm collimated spot with 200 us pulse time and up to 10 Hz repetition rate for minimally ablative treatments;
- controlled beam divergence, short pulse time and high repetition rate: less ablative effect, smooth and superficial peeling.



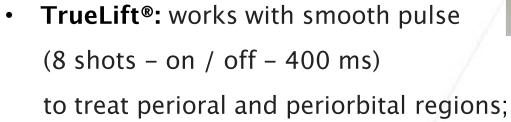
DUALM()DE







smooth pulse for face;





more frequency: more speed for Inlift®, Truelift® and ATHENA®.



Modo DYNAMICS®

greater fluency in de 3 e 6 mm spots in DYNAMICS: up to 45 J/cm²;





ZYE ALX: Competition Benchmark

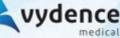


	VYDENCE ZYE/ALEX	CUTERA ExcelHR	CANDELA GentleMax	
Wavelenght	755 nm	755 nm	755 nm	
Spot Sizes Plug-and-Play	3, 5, 6, 8, 10, 12, 14, 15, 16, 18, 22, 24 mm	n/a	1.5, 3, 6, 8, 10, 12, 15, 18 mm	
Spot Sizes Digital Zoom	8-18 mm @HR 3-10 mm @VL*	5–18 mm rounded	n/a	
Output Power	55 J	53 J	53 J	
Pulse Widths	0.2 to 300 ms	0.1 to 300 ms	0.25 to 300 ms	
Max Rep Rate	3 Hz @LP 20 Hz @Dyn	2 Hz	10 Hz	
Cooling System	sapphire-cooled; air-cooling	sapphire-cooled;	air-cooling;	
Consumables	none	none	cryogen spray	
Platform System	yes	no	no	



ZYE YAG: Competition Benchmark







Unlimited treatment options, zero pain and with no downtime.





PRACTICE AND TRAINING

ZYE XD®





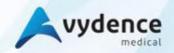
Versatile

Combines various treatments among the VYDENCE® Medical technologies family



Custom-made

Adaptable parameters to each patient and for all skin types



PRACTICE AND TRAINING

ZYE XD®





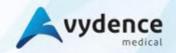
Easy to perform

Lunchtime procedures, any time of the year, no recovery time (depending on the treatment)



Unique

Exclusive for ZYE® technology







ZYE XD® Red Carpet

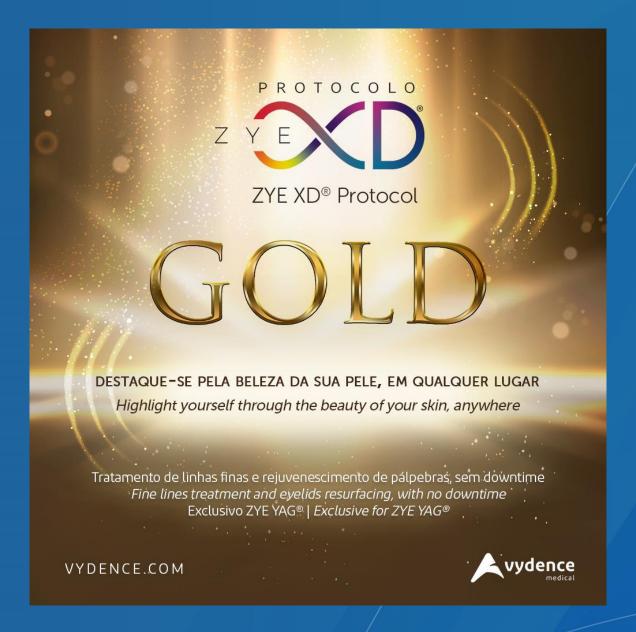




RED CARPET Achieve a glow and tightening effect with no downtime										
HANDPIECE	SPOT	MODE	PULSE WIDTH	FLUENCE	REP. RATE	SHOTS				
DualMode®	InLift®	Fractional	•	30-40 mJ/mtz	0.5-1 Hz	100-150/ Side and 20-30/ Lip				
3-10/VL 3-24/HR 5-15/LT	5 mm	DYNAMICS®	200-650 us	8-20 J/cm ²	5-10 Hz	500/ Quadrant				
DualMode®	12 mm collimated	-	200 us	0.25 J/cm ²	10 Hz	1.000/ Quadrant				
5-15/LT	10 or 15 mm	INTENSE®	15 s (time shot)	30-40 W	12	6 to 7 KJ/ Hemiface				





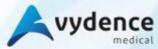


ZYE XD® Gold





GOLD Fine lines treatment and eyelids resurfacing, wit no downtime										
HANDPIECE	SPOT	MODE	PULSE WIDTH	FLUENCE	REP. RATE	SHOTS				
DualMode®	InLift®	Fractional	353	30-40 mJ/mtz	0.5-1 Hz	100-150/ Side and 20-30/ Lip				
3-10/VL 3-24/HR 5-15/LT	5 mm	DYNAMICS®	200-650 us	8-20 J/cm ²	5-10 Hz	500/ Quadrant				
DualMode®	TrueLift® 8 mm		8-3	15-25 mJ/mtz	1 Hz	30-50/ Eyelid				
DualMode®	12 mm collimated	-	200 us	0.25 J/cm ²	10 Hz	500 to 1000/ Quadrant				







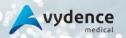
Colow

SUA PELE COM UM BRILHO INIGUALÁVEL

Your skin radiant and with uniform shine

Efeito glow e redução de poros, sem downtime Achieve a glow effect and pore reduction, with no downtime Exclusivo ZYE ALX® | Exclusive for ZYE ALX®

VYDENCE.COM

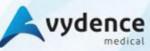


ZYE XD® Glow





GLOW Achieve a glow effect and pore reduction, with no downtime									
HANDPIECE	SPOT	MODE	PULSE WIDTH	FLUENCE	REP. RATE	SHOTS			
3-10/VL 3-24/HR 5-15/LT	5 mm	DYNAMICS®	650 us	10-20 J/cm ²	5-10 Hz	500 / Quadrant			
ACROMA-QS®	7 mm	(*)	5	900-1200 mJ	5 Hz	6 to 8 passes/ Quadrant			
DualMode®	12 mm collimated		200 us	0.25 J/cm ²	10 Hz	500 to 1000/ Quadrant			







ZYE XD® Black Dress

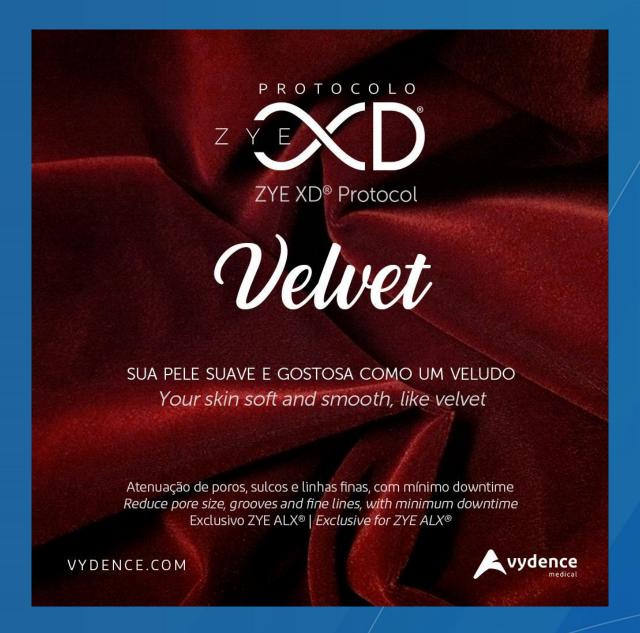




BLACK DRESS Treat grooves and fine lines with minimum downtime										
HANDPIECE	SPOT	MODE	PULSE WIDTH	FLUENCE	REP. RATE	SHOTS				
DualMode®	InLift®	Fractional	Q 5 0	30-40 mJ/mtz	0.5-1 Hz	100-150/ Side and 20-30/ Lip				
ProDeep®	8/100 mtz	128	3 ms	90-100 mJ/mtz	1 Hz	Cover the whole area				
DualMode® + Drug Delivery	12 mm collimated	*	200 us	0.25 J/cm ²	10 Hz	500 to 1.000/ Quadrant				





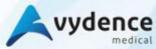


ZYE XD® Velvet





VELVET Reduce pore size, grooves and fine lines, with minimum downtime										
HANDPIECE	SPOT	MODE	PULSE WIDTH	FLUENCE	REP. RATE	SHOTS				
3-10/VL 3-24/HR 5-15/LT	5 mm	DYNAMICS®	650 us	10-20 J/cm ²	5-10 Hz	500/ Quadrant				
ACROMA-QS®	7 mm		S#3	900-1200 mJ	5 Hz	6 to 8 passes				
ProDeep®	8/100 mtz	-2	3 ms	90-100 mJ/mtz	1 Hz	Cover the whole area				







Shine

A SUA PELE RADIANTE E COM A TONALIDADE UNIFORME

Your skin looking radiant and with an even tone

Clareamento, com mínimo downtime Skin lightening with minimum downtime

VYDENCE.COM

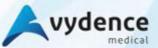


ZYE XD® Shine





SHINE Skin Lightening with minimum downtime									
HANDPIECE	SPOT	MODE	PULSE WIDTH	FLUENCE	REP. RATE	SHOTS			
IPL-Sq [®]	540 or 580 nm	DYNAMICS®	10 ms	4-7 J/cm ²	3 Hz	Until endpoin			
ACROMA-QS®	7 mm	. 40	*	900-1200 mJ	5 Hz	6 to 8 passes			
DualMode® + Drug Delivery	8/400 mtz	Single Mode	300 us	2-3 mJ/mtz	3 Hz	Cover the whole area			







Beauty

REALCE A SUA BELEZA DE FORMA NATURAL Enhance your beauty in a natural way

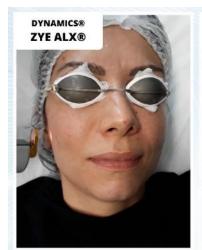
Clareamento e melhora da textura, com mínimo downtime Skin lightening and improved texture, with minimum downtime Exclusivo ZYE ALX® | Exclusive for ZYE ALX®

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ZYE XD® Beauty









BEAUTY Skin Lightening and improved texture, with minimum downtime									
HANDPIECE	SPOT	MODE	PULSE WIDTH	FLUENCE	REP. RATE	SHOTS			
3-10/VL 3-24/HR 5-15/LT	5 mm	DYNAMICS®	650 us	10-20 J/cm ²	5-10 Hz	500/ Quadrant			
DualMode® + Drug Delivery	8/400 mtz	Single Mode	300 us	2.0 mJ/mtz	3 Hz	Cover the whole area			





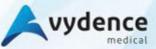


ZYE XD® Magnific





MAGNIFIC Achieve a glow effect and eyelid resurfacing, with no downtime										
HANDPIECE	SPOT	MODE	PULSE WIDTH	FLUENCE	REP. RATE	SHOTS				
DualMode®	InLift®	Fractional	.*!	30-40 mJ/mtz	0.5-1 Hz	100-150/ Side and 20-30/ Lip				
IPL-Sq®	695 nm	DYNAMICS®	10 ms	4-7 J/cm ²	3 Hz	Until endpoint				
DualMode®	TrueLift®		•	15-25 mJ/mtz	-	30-50/ Eyelid				
DualMode® + Drug Delivery	12 mm collimated	-	200 us	0.25 J/cm ²	10 Hz	500 to 2.000/ Quadrant				





THANK YOU