


Product Catalogue



BG LIGHT BULGARIA
LTD

the power of light

BLUEDENT

3 
seconds
POLYMERISATION

BLUEDENT SMART XPRESS

Wavelength range	410 - 490 nm
Curing mode - Timer	HYPHER - 3/6/9 sec. / 1 sec. pause RAMP / Standard - 10/20/30 sec.- 3sec. soft start PULSE - 10/20/30 sec. LONG - 1-9 min
Light intensity	HYPHER - up to 3500 mW/sq.cm RAMP, PULSE, LONG - up to 1500 mW/sq.cm
Weight / Length of handpiece	260 g / 235 mm
Battery	Li-Ion 3.7 V, 2600 mAh (up to 4000 sec. work)



BLUEDENT SMART XPRESS ORTHO VERSION

Curing mode - Timer	HYPHER ORTHO - 1-12 cycles x 3sec. / 1 sec. pause RAMP / Standard - 10/20/30 sec.- 3 sec. soft start LONG - 1-9 min
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1sec. pause on every 3 sec. emitting



BLUEDENT XPRESS

BLUEDENT XPRESS cordless

Color - Option 

Wavelength range	410 - 490 nm
Curing mode - Timer	HYPER - 3/6 sec. / 1 sec. pause RAMP / Standard - 10/20 sec.- 3sec. soft start *HYPER ORTHO - 1/12 cycles x 3sec./ 1sec. pause
Light intensity	RAMP - up to 1500 mW/sq.cm HYPER & *ORTHO - up to 3500 mW/sq.cm
Weight / Length of handpiece	215 g / 215 mm
Power supply	Li-Ion 3.7 V, 2600 mAh (up to 4000 sec. work)
HYPER ORTHO mode	Option
Holder	Included



- High power broadband LED module
- Reflector optics for even distribution of light on surface and in depth
- Easy and intuitive use - 1 multifunction button and luminous colorful indicator ring

3 seconds
POLYMERISATION



BLUEDENT XPRESS cable

Color - Option 

Wavelength range	410 - 490 nm
Curing mode - Timer	HYPER - 3/6 sec. / 1 sec. pause RAMP / Standard - 10/20 sec.- 3sec. soft start *HYPER ORTHO - 1/12 cycles x 3sec./ 1sec. pause
Light intensity	RAMP - up to 1500 mW/sq.cm HYPER & *ORTHO - up to 3500 mW/sq.cm
Weight / Length of handpiece	138 g / 225 mm
Power supply	100-240 V AC / 24V AC / 12V AC
HYPER ORTHO mode	Option



Wide band LED



2 in 1

BLUEIDENT SMART cordless

Wavelength range	410 - 490 nm
Modes	RAMP, FAST, LONG, PULSE
Timer	10/20/30 sec. / 9 min.
Light intensity	up to 1300 mW/sq. cm
Weight / Length of handpiece	210 g / 185 mm
Weight of station	540 g
Battery	Li-Ion 3.7 V, 2600 mAh (up to 4000 sec. work)
Charging base with 4-level light meter	Option
Option	Bleaching light guide

BLUEIDENT SMART cable

Wavelength range	410 - 490 nm
Modes	RAMP, FAST, LONG, PULSE
Timer	10/20/30 sec. / 9 min.
Light intensity	up to 1300 mW/sq. cm
Weight / Length of handpiece	202 g / 215 mm
Power supply	100 - 240V AC / 24V AC / 12V AC
Option	Bleaching light guide

NEW **XPRESS R**

BLUEIDENT XPRESS R

Wavelength range	410 - 490 nm
Curing mode - Timer	RAMP-HYPER - 10/20/30 sec.
Light intensity	RAMP-HYPER - up to 2100 mW/sq.cm
Weight / Length of handpiece	156 g / 208 mm
Power supply	Li-Ion 3.7V, 800 mAh
Holder	Included

Color - Option



the power of light



BLUEDENT POWER PEN cordless

Wavelength range	410 - 490 nm
Curing mode - Timer	RAMP - 10/20/30 sec. Sound signal every 10 sec.
Light intensity	up to 1100 mW/sq.cm
Weight / Length of handpiece	100 g / 145 mm
Battery	Li-Ion 3.7 V, 800 mAh
Holder	Included



BLUEDENT POWER PEN cable

Wavelength range	410 - 490 nm
Curing mode - Timer	RAMP - 10/20/30 sec. Sound signal every 10 sec.
Light intensity	up to 1300 mW/sq.cm
Weight / Length of handpiece	80 g / 142 mm
Power supply	100 - 240V AC / 24V AC / 12V AC



Aluminium Color - Option



LED Activating bleaching unit

powerful & mobile

High effective restoration of teeth natural whiteness

- Full arch bleaching with advanced 10 high-power LED modules
- Easy and secure whitening - up to 8 VITA shades
- Compatible with the well-known office bleaching systems based on peroxide and carbamide
- Pure LED light (430-490 nm), UV and IR free
- Timer with pause for reducing patient's teeth sensitivity
- Stylish design and user-friendly control ensuring easy and intuitive work and maintenance
- Suitable for whitening in horizontal position of patient
- Protection glasses with increased absorption ensure patient's and operator's comfort

BLUEDENT 12 BL

BLUEDENT 12 BL	10 LED modules
Bleaching modes	HIGH (100%), LOW (50%)
Timer	10 sec. - 30 min.



CE
2274

the power of light

LED Activating bleaching unit

powerful & compact

BLUEDENT 12 BL built-in

built-in the dental chair

- Smart telescopic arm
- Bleaching in even vertical position
- 360° rotation of joint assembly and head
- Space saving storage



• version B

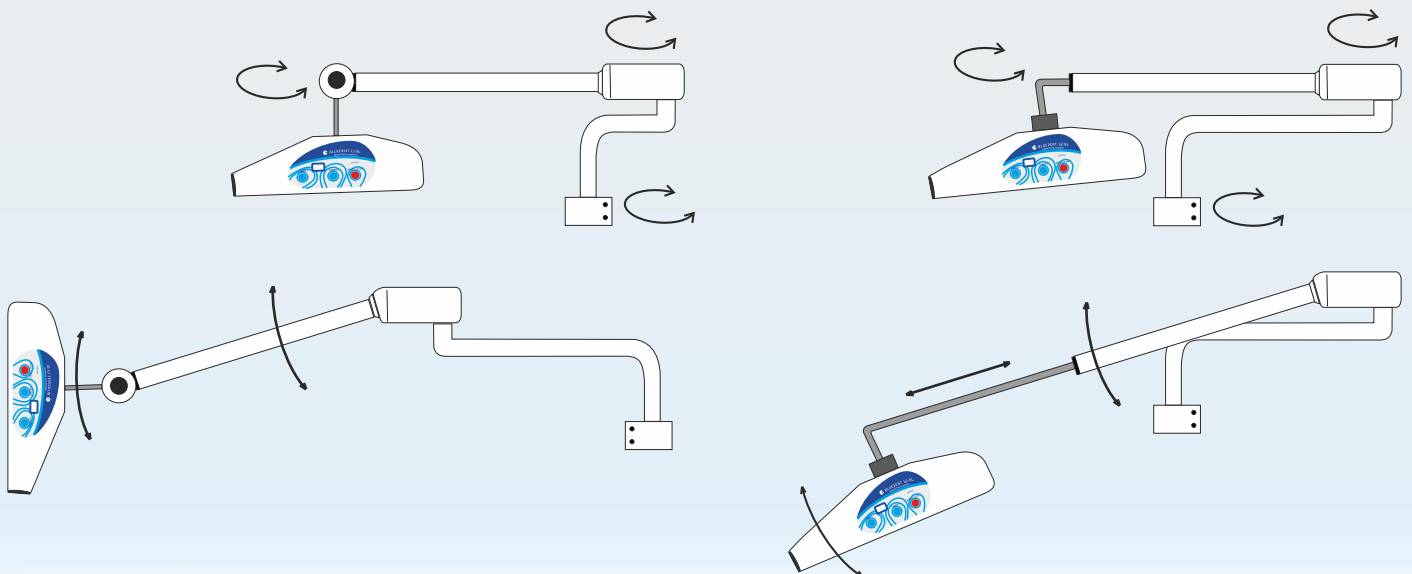


• version BT

Connection options	24V AC/DC
	100-240V AC mains voltage adapter
Bleaching modes	HIGH (100%), LOW (50%)
Timer	10 sec. - 30 min.



- Fixing bracket
easy attachment to dental chair pole
ø 50mm ø 60mm ø 70mm ø 80mm ø 90mm





Comparative table of BLUEEDENT products

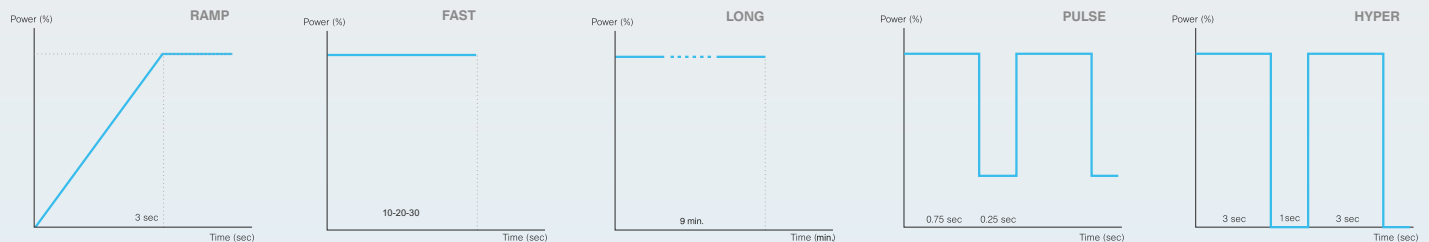
for info



	Smart xpress	Smart xpress Ortho	Xpress	Xpress cordless	Smart	Smart cable	NEW Xpress R	Power pen	NEW Power pen cordless
BLUEEDENT (item №)	200-006	200-006 ort	200-008	200-009	200-004	200-005	200-009R	200-002	200-003
Curing modes/ Light intensity mW/sq.cm (up to)	cordless	cordless	cable	cordless	cordless	cable	cordless	cable	cordless
RAMP	1500	1500	1500	1500	1300	1300	2100	1300	1100
PULSE	1500				1300	1300			
LONG	1500	1500			1300	1300			
FAST					1300	1300			
HYPER	3500	3500	3500	3500					
Curing time (sec)	3/6/9 10/20/30 1-9 mins	3/6/9/18/30/36 10/20/30 1-9 mins	3/6 10/20	3/6 10/20	10/20/30 1-9 mins	10/20/30 1-9 mins	10/20/30	10/20/30	10/20/30
Wavelength range (nm)	410-490	410-490	410-490	410-490	410-490	410-490	410-490	410-490	410-490
Micro cooling fan	✓	✓			✓	✓	✓		
Sound Signal	✓	✓	✓	✓	✓	✓	✓	✓	✓
ORTHO mode		✓	✓	✓					

* Light intensity is stabilized and independent from voltage fluctuations and battery charge.

Curing modes



QUALITY CERTIFICATES

CE marking, Conforms with MDD 93/42/EEC requirements, ISO 9001, ISO 13485



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