

This lightweight control unit is one of the two possible interface between any of the BALTOSPOT® pulsed wave generators and the operator.

This power unit has specifically been designed to cope with harsh environment and bad power supplies. Indeed, it is able to handle bad power supplies like the one delivered by some power generators without affecting the dose output neither your image quality: the result is always a very stable and constant output no matter what power feeds the unit.

As always, BALTEAU is safety oriented and nothing has been left aside in that field. The waterproof ergonomic keypad and the large robust handles attached on the side are making it ideal for on site jobs as well as desktop uses. The 4 lines backlit clear display is giving at all time the necessary indications to the users about the status of operations. A convenient bright yellow cover is protecting your unit when not in use.



Connectivity & versatility

The CF2000 only needs to be connected to a generator to recognize it and to adapt all parameters accordingly. The same control unit can then control Panoramic or Directional units without tiresome operations.

All connectors are metallic and of industrial type. Distances from the generator can be up to 70 m without interference on the dose output.

The CF2000 is the perfect choice for fixed or semi-fixed installations or for field operations where sufficient room exists or shielded areas are present.

Power supply efficiency

The CF2000 is able to feed 1500w generators but is designed to always use the adapted power corresponding to the settings of the parameters. This makes it one of the most efficient units in the market with power requirements so low that even very poor power supplies can feed it.

Simplicity & ergonomoy

One of the most interesting functions is probably the automatic preheating which takes care about this annoying but very important operation. Necessary preheating duration after resting period has also been brought to the minimum and locking features are allowing you to interrupt it before completion if needed. kV and mA are automatically adapted according to the tube load curve. Exposures parameters can also be managed by the unit with the specific software.

The CF2000 carries the same features as the well known HAND-X but doesn't have the RS232 interface neither the integrated Dosimeter.

The last 100 exposures are held into the memory and can be retrieved via the Menu function. Up to 100 individual parameters can be stored in the memory for further uses.

Clear indications

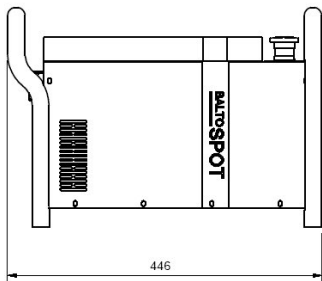
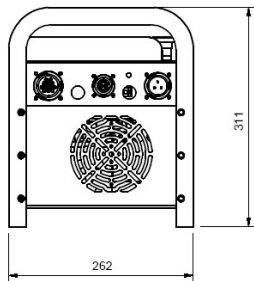
The industrial keypad has been divided in specific areas that are well identified and easy to understand. Color coded keys with convex caps are helping the operator to enter its parameters with precision even wearing gloves. The minimum number of keys has also been implemented to facilitate operations and minimize teaching process. The display placed at the top of the membrane keypad is a 4 lines display with different language possibilities accessible from the internal menu.

The working and link status of the unit are visible at all time either on the pilot led lights or through the led included in the keypad itself. A lockable emergency switch will stop all functions of the unit in case of emergency.

Compact and robust

The CF2000 uses a very robust aluminum chassis that helps reducing the weight but also adds in rigidity. The size is compact and all external components are either protected by a cover or by the shape of the surrounding elements to prevent from being damaged during transport or installation.

Specifications

Mechanical			
			
Weight: 13 kg			
Electrical		Mechanical	
Mains supply AC	V	170 to 260	Connectors
Frequency (Hz)	Hz	45 to 66	
Duty Cycle	%	100	Casing
Operating Temperature	°C	-10 to +50	
		Protection	IP54
Metallic military type. Independent earth screw.			
Aluminium, rough construction with protective handles and metallic cover			
Functions			
kV min step	kV	1	
mA min step	mA	0,1	
Time min step	s	1, up to 99 min 59 s	
Keypad	24 keys embossed surfaces, anti scratch long life surface treatment		
Warning lights and safety device	3 step X-ray ON key, lockable emergency stop switch (CE), 3 positions key switch, Buzzer, Alphanumeric messages and LED		
Automatic preheating	Yes (90 sec. minimum)		
Memories	100 last exposure, 100 memories		
Display	4 lines, crystal clear, green back lighting, adjustable contrast		
Standard equipments			
CF2000 control unit with cover and handles, X-ray on keys			
Optional accessories			
100 - 260 V adapter (US – 60Hz), Extra cables, Clignotix and safety box for switch connection, Automatic exposure calculation (manual or automatic)			

Producer

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Distributor

