

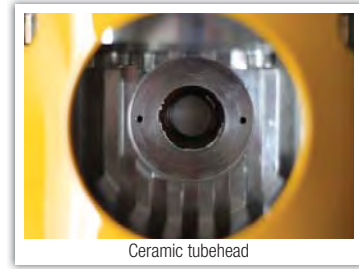
BALTOSPOT**CERAM235**



|                           |                         |
|---------------------------|-------------------------|
| High voltage range:       | <b>70 to 235kV</b>      |
| Tube current range:       | <b>0,1 to 5 mA</b>      |
| Beam angle:               | <b>40°</b>              |
| Inherent Filtration (mm): | <b>1 Be</b>             |
| Anode cooling type:       | <b>Air</b>              |
| Duty cycle:               | <b>100%</b>             |
| Insulation:               | <b>SF6 gas</b>          |
| Mains:                    | <b>180 - 260V</b>       |
| Temp. switch:             | <b>70°C</b>             |
| Weight (without rings):   | <b>27 kg</b>            |
| Tubehead:                 | <b>Ceramic</b>          |
| Control Unit:             | <b>CF2000 or Hand-X</b> |

**MAIN FEATURES**

- Pulsed wave technology
- Ceramic tube insert
- Air cooled
- Unique energy recovery module
- Rugged and light control unit
- Safety first, x-ray start with 2 buttons
- Full automatic preheating
- Works on power generator
- Very stable output
- Low consumption



Ceramic tubehead

**KEY ADVANTAGES**

- Very reliable
- Ergonomic guard rings
- temperature pressure switch
- Full automatic preheating process
- Low power requirement
- Cables with reduced size and weight
- Can be delivered with our 900g Hand-X including a Geiger-Müller detector
- CANON mil. metallic connectors
- Steadiness & Sturdiness

**MOST COMMON APPLICATIONS**

- Oil & Gas
- Shipyard building & Building sites
- Petrochemical & Power plants
- Foundries
- Railway parts
- Boiler or pressure vessels manufacturers



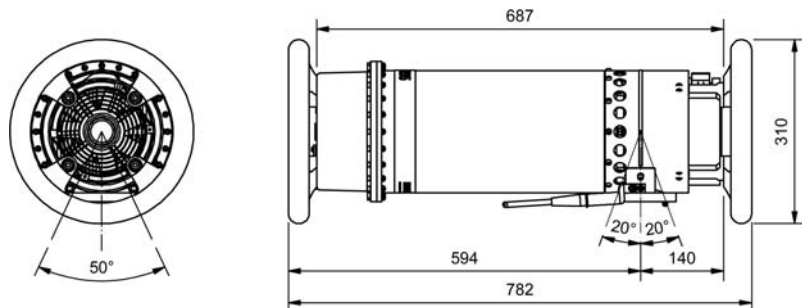
When you need a unit that can perform standard thicknesses inspections as well as occasionally heavy walled ones, the CERAM 235 is the perfect compromise.

Offering a maximum of 235 kV and 5 mA, the CERAM 235 combines all technological advantages of its big brother in the CERAM series and gives the flexibility of a unit smaller in size.

No compromises have been made to component selection or cooling, the unit is able to run on a 100% duty cycle thanks to its purposely designed tubehead and driving electronics.



**MECHANICAL DRAWING**



This unit has to be combined to one of the two available type of control units (CF2000 or Hand X), with very lightweight new generation of cables..

**INTERNATIONAL**

- CE certified
- NFC74-100 LCIE Certified
- Manufactured under ISO9001

| Specifications                   | Units   | CERAM235         |
|----------------------------------|---------|------------------|
| High voltage range:              | kV      | 70 - 235         |
| Tube current range:              | mA      | 0,1 - 5          |
| Maximum anode power dissipation: | Watt    | 1175             |
| Beam angle:                      |         | 40°              |
| Focal spot size (IEC336):        | mm      | 2 x 2            |
| Steel penetration at max (*):    | mm      | 43               |
| Max recommended temp.:           | °C      | 50°              |
| Temperature switch:              | °C      | 70°              |
| Inherent filtration:             | mm (Be) | 1                |
| Anode cooling type:              |         | Air              |
| Duty cycle:                      | %       | 100              |
| Mains:                           | V       | 180 - 260        |
| Weight (without rings):          | Kg      | 27               |
| Tubehead:                        |         | Ceramic          |
| Control unit:                    |         | CF2000 or Hand-X |

\* FFD= 700mm/Film Carestream Industrex AA400/D=2.0/t=10min.

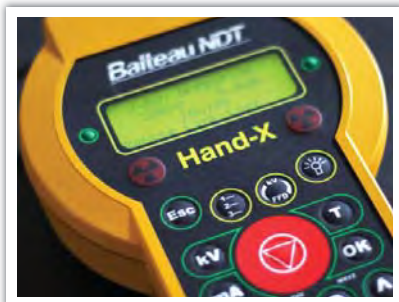


## CF2000

- kV min step: **1**
- mA min step: **0,1**
- Time min step: **1 sec up to 99min 59sec**
- Memories: **100 last exposure/memories**
- Display: **4 lines, green back lighting**
- Mains: **170-260 V**
- Weight: **12,5kg**

### STANDARD EQUIPMENT

- Internal pressure gauge
- Heavy duty lock type connector
- 20m connecting cable for control unit
- 10m power cable
- Cradle with heavy duty hand rings
- Holder for centering device filter & diaphragm
- Bag for accessories



## Hand-X (Wireless remote control)

- kV min step: **1**
- mA min step: **0,1**
- Time min step: **1 sec up to 99min 59sec**
- Memories: **100 last exposure/memories**
- Display: **4 lines, green back lighting**
- Battery: **8h charge capacity**
- Weight: **900g**

### OPTIONAL EQUIPMENT

- Lead shutter
- AVARA/P
- Warning flashing light & repeater
- Transport case
- Cradle & 4 legs adjustable stand
- Hydraulic stand
- 100-260 V adapter



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