

## BALTOGRAPH XLMD160



|                        |                         |
|------------------------|-------------------------|
| High voltage range:    | <b>10 to 160 kV</b>     |
| Tube current range:    | <b>0,5 to 12 mA</b>     |
| Tube range:            | <b>Up to 160kV</b>      |
| Max. output power:     | <b>650 or 1000 W</b>    |
| Anode cooling type:    | <b>Water</b>            |
| Duty cycle:            | <b>100%</b>             |
| Insulation:            | <b>SF6</b>              |
| Voltage:               | <b>230 V</b>            |
| Operating temperature: | <b>Up to 50°C</b>       |
| Weight:                | <b>137 kg</b>           |
| Tubehead:              | <b>Metal Ceramic</b>    |
| Control Unit:          | <b>HAND-XD or DC1/B</b> |

### MAIN FEATURES

- Latest generation technologies
- High frequency constant potential generator
- « Ripple free »
- High duty cycle
- Current up to 12 mA
- Metal-ceramic tube
- Very lightweight mobile unit
- Full automatic preheating
- Very stable output



### KEY ADVANTAGES

- RS232 interface for computer connection
- Powerful, steadiness & sturdiness
- SF6 insulation HV module
- No oil insulation for hassle free maintenance
- Can be used with panoramic or directional x-ray tubes
- Can drive two individual filament

### MOST COMMON APPLICATIONS

- Oil & Gas
- Energy
- Welding inspection
- Digital applications
- Aeronautical / aerospace / Transport
- Art
- Military
- And much more



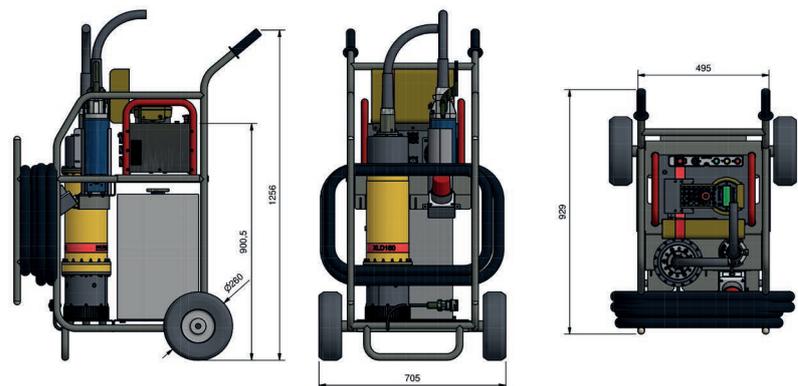
**The XLMD160 is a 160kV constant potential generator giving the flexibility of a mobile unit and more accessibility than a portable unit in places where room for the tubehead is reduced.**

**Lightweight and highly flexible, that makes it the ideal selection for all castings and medium walled steels.**

**Equipped with the HAND-XD or the DC1/B the XLMD160 will be very easy to use. Both control mode can be driven with the X-Ray Remote Control (XRRC) software.**



### MECHANICAL DRAWING



**The Baltograph XLMD160 is a user friendly X-ray examination system. With accessories such as flat panels and Image Processing Software, this is perfect for digital solution.**

### INTERNATIONAL

- CE certified

| Specifications        | Units | XLMD160          |
|-----------------------|-------|------------------|
| High voltage range    | kV    | 10 to 160        |
| Tube current range    | mA    | 0,5 to 12        |
| Tube range            | kV    | Up to 160        |
| Ripple                |       | 0,1% PP          |
| Maximum output power  | Watt  | 650 or 1000      |
| Frequency             | Hz    | 47 - 63          |
| Drive frequency       | KHz   | 30               |
| Operating temperature | °C    | 0 to 50°C        |
| Output connector      |       | R24              |
| Duty cycle            | %     | 100%             |
| Insulation            |       | SF6              |
| Voltage               | V     | 230 (-15% +10%)  |
| Weight                | Kg    | 137              |
| Tubehead              |       | Metal-Ceramic    |
| Control mode:         |       | HAND-XD or DC1/B |

## 2 CONTROL MODES AVAILABLE

### HAND-XD (Stand alone & computer)



The Hand-XD is our well known control unit equipped with a wireless remote control for generators. The Hand-XD can also be controlled by X-Ray Remote Control (XRRC) software.



*XRRC is able to control all operations remotely, directly on the computer screen. Allowing you to interact with the mA, kV, start and stop the X-ray from running, view of the tube characteristics and state, start and stop preheating, choose tube focus, load exposure charts, etc.*

#### Main characteristics

- kV step: **1 - 2 - 3**
- mA step: **0,1**
- Casing: **Aluminium case**
- Weight: **9,5 kg + 0,9 kg (remote)**

### DC1/B



The DC1/B is made for those who don't need a wireless remote control. It includes all securities and functionalities. It can also be controlled by the XRRC software.

#### Main characteristics

- kV step: **1 - 2 - 3**
- mA step: **0,1**
- Casing: **Aluminium case**
- Weight: **9,2 kg**

#### STANDARD EQUIPMENT

- XLD160 generator
- Tubehead : TSD or TSC 160kV
- Control unit : DC1/B or HAND-XD
- XLMD trolley
- A clignotix warning light
- A water cooling unit
- A cable from the generator to the control panel
- A main power cable

#### OPTIONAL EQUIPMENT

- Avara/P
- RS232 connection for XRRC
- Diaphragm for tubehead
- Shutter for tubehead
- Image Processing Software (IPS012)
- And much more

#### Produced by:

##### Balteu NDT

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