

ACCESSORIES **COSIX**



|                                     |                             |
|-------------------------------------|-----------------------------|
| Dimensions:                         | <b>483 x 265 x 133 mm</b>   |
| Generator's entry:                  | <b>1 to 5</b>               |
| Input voltage range:                | <b>12 to 240V</b>           |
| Input voltage recognition:          | <b>Automatic</b>            |
| Generator's selection:              | <b>Joypad buttons</b>       |
| Independent safety loops:           | <b>CAT. 2</b>               |
| Output:                             | <b>7</b>                    |
| Weight :                            | <b>4,5 kg</b>               |
| Status Indicators:                  | <b>LED &amp; LCD screen</b> |
| Operating temperature:              | <b>-15 to 50°C</b>          |
| Geiger Müller detector (RX & Gamma) |                             |
| CE manufacturing process            |                             |

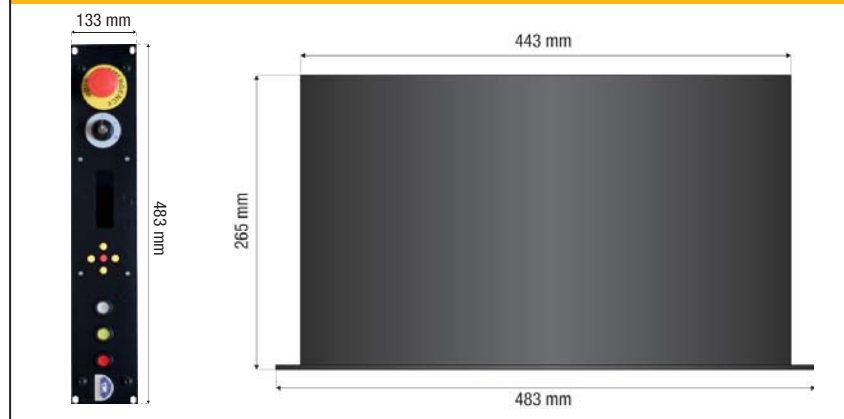
**MAIN FEATURES**

- Roundsman interface with GM detectors
- Multiple equipment connection
- Doors detectors connection
- Audible alarm & radiation Alert ready (Avara/C)
- Visible alarm (Clignotix)
- Works for the X & gamma radiation
- Increase security
- LED status indicators & LCD screen
- Geiger-Müller detector (With Avara/C)
- Red flash when radiation detected

**KEY ADVANTAGES**

- High security improvement
- Answers new regulations requirements
- Rackable design
- Up to 5 generators entry
- 7 independant safety loops CAT. 2
- Connection for 2 doors, 2 emergency stops, 2 PIR sensors, 1 Avara/C
- Data retrieving (RS232 connector)

**MECHANICAL DRAWING**



**COSIX** is managing all the safety functionalities and warnings in your RT facilities. According to international rules, operating an industrial X-ray equipment requires to connect the unit



On the other hand, using multiple X-ray generators or even Gamma projectors in the same inspection room involves connection and compatibility difficulties that may lead to a physical hazard for the end users.

**COSIX** is the universal answer developed by Balteau to meet these legal aspects and anticipate future needs. **COSIX** is an essential safety device that can be connected to a large variety of X-ray

**INTERNATIONAL**

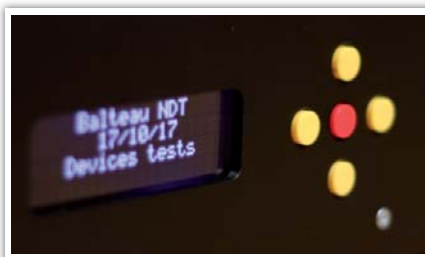
- CE certified
- NFC74-100 LCIE Certified
- Manufactured under ISO9001



equipments as well as various safety elements such as door security switches, motion sensors, emergency buttons, buzzers...

As an option, our independent radiation detection device, the AVARA, can be directly connected and displayed by the **COSIX**. The real time monitoring of the status of all safety devices of your inspection room is continuously ensured.

| Specifications                      | Units | COSIX  |
|-------------------------------------|-------|--|
| Dimensions                          | mm    | 483 x 265 x 133  |
| Design                              |       | Rackable   |
| Generator's entry                   |       | 1 to 5   |
| Input voltage range                 | V     | 12 to 240 (Autosense)  |
| Generator's selection               |       | Joypad with Individual pushbutton                                      |
| Input voltage recognition           |       | Automatic  |
| Detection status                    |       | Ready / Prewarning / XRay on (May vary with other brand of generators) |
| Independant safety loops            |       | 7 (2 doors, 2 emergency stop, 2 PIR sensors, 1 Avara/C)                |
| Safety loops type                   |       | 2 x PIR 12V (Potential free)   |
| Unit Switch on/off                  |       | 3 position key switch  |
| Geiger Müller detector (RX & Gamma) |       | Avara/C  |
| Connection                          |       | 2 doors / 2 emergency stops / 2 PIR sensors / 1 Avara/C                |
| Audible alert power (buzzer)        | dBA   | 90   |
| Visual alert power (flash)          | W     | 3  |
| State indicators                    |       | LED - Red / orange / blue  |
| Operating temperature               | °C    | -15 to 50  |
| Communication                       |       | RS232, RS485, W7 software (Optional)                                   |
| Mode Gamma                          |       | Optional (depending on local regulation)                               |



### OPTIONAL EQUIPMENT

- External flashing lamp (Clignotix)
- Update software (RS232 & W7 software)
- Avara/C
- Gamma mode
- Roundsman equipment



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