

# Y.SMART 300HP

## Portable X-Ray System

- Low weight and easy handling
- Robust and reliable
- Easy to operate
- High power output
- Optimized for cost efficient operation



For more than 50 years YXLON Copenhagen have manufactured high quality portable X-ray systems. Our systems have always been designed to be reliable and efficient in all conditions. In order to stay in this position, as a market leader, we draw on both our knowledge and experience.

The Y.SMART product range has a host of features that will help you to optimize your operational efficiency. The control unit has a user friendly man-machine-interface, which allows easy and intuitive workflow for the operator.

YXLON Copenhagen portable X-ray systems provide a stable X-ray output and are insensitive to irregularities in the power supply. The high power efficiency due to the constant potential technology, will give you a significant saving in costs and energy, which also makes the products well suited for crawler applications. Our portable X-ray tube heads and control units are designed to endure and perform in all environments and are operational within a broad temperature range.

Safety is paramount to us, that's why our products are safe to use. The Y.SMART product range is produced in accordance with the most strict radiation safety standards.

The combined features of the Y.SMART product range will give you a competitive advantage by reducing exposure time and by optimizing your workflow.



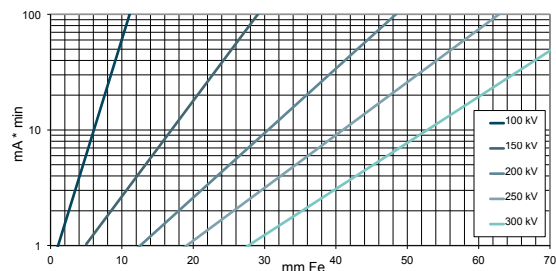
Optional accessories:  
 1 Tripod tube stand  
 2 Additional warning lamp  
 3 Flight case



## Y.SMART 300HP X-Ray System

<b>Weight</b>	33 kg
<b>Height</b>	775 mm
<b>Focal spot size EN12543</b>	3.0 mm
<b>High voltage adjustment</b>	50 - 300 kV
<b>mA adjustment</b>	0.5 - 3.0 mA
<b>Max X-ray power</b>	900 W
<b>Leakage radiation 300 kV / 3.0 mA</b>	Max 5.0 mSv/h

## Fe exposure diagram Y.SMART 300HP 700 mm FFD / D7-type + Pb / D = 2.0



- Options:**
- The Y.SMART 300HP tube head is available as a 2in1 model, allowing for both conventional applications and use as a crawler tube head.
- Power supply:**
- 100-125/200-250 VAC, 47-400 Hz: max power consumption: 10 ARMS/230 VAC.
- Exposure timer:**
- In 1 second steps up to 99 minutes or infinite.
  - Pre-warning time: 0 to 99 seconds.
- Environment:**
- IP54: -10° C up to +50° C.
- Certificates:**
- CE: DIN 54113, Röntgenverordnung, EN 60204-1, EN 50178, EN 55011 class A and EN 61000-6-2.
  - NF C 74-100.

**YXLON**

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