

CRAWLER PACKAGE

Y.SMART 200PC and 300PC

- Robust and reliable
- High power output
- High efficient DC/DC converter
- 90 - 150 VDC input voltage
- X-ray output independent of battery voltage



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 it 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.



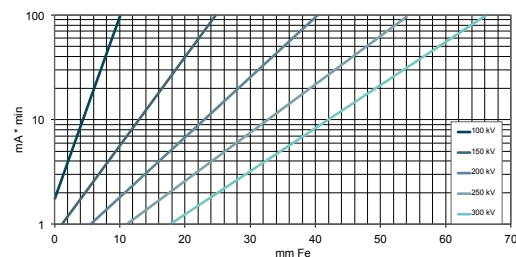
- 1 Lead belt
2 Optional control unit
3 Flight case



Y.SMART 200PC and 300PC X-Ray System

MODEL	Y.SMART 200PC	Y.SMART 300PC
X-ray beam	40 x 360°	40 x 360°
Height	672 mm	812 mm
Focal spot size EN12543	0.4 x 4.0 mm	0.5 x 5.5 mm
High voltage adjustment	50 - 200 kV	50 - 300 kV
mA adjustment	0.5 – 4.5 mA	0.5 – 3.0 mA
Max X-ray power	600 W	600 W
Leakage radiation Max kV, Max mA	Max 2.0 mSv/h	Max 5.0 mSv/h

Fe exposure diagram Y.SMART 200PC and 300PC 700 mm FFD / D7-type + Pb / D = 2.0



Crawler package:

- Y.SMART 2in1 tube head, DC/DC converter inclusive filter, lead belt, crawler cable, integration manual and support for integration is included.

Options:

- All Y.SMART 2in1 tube heads can be used as traditional panoramic tube heads together with Y.SMART control unit between crawler tasks. Directional tube heads can also be delivered in 2in1 version.

Power supply:

- 90-150 VDC from crawler battery package.

Environment:

- IP54: -10° C up to +50° C.

YXLON

Technology with Passion

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