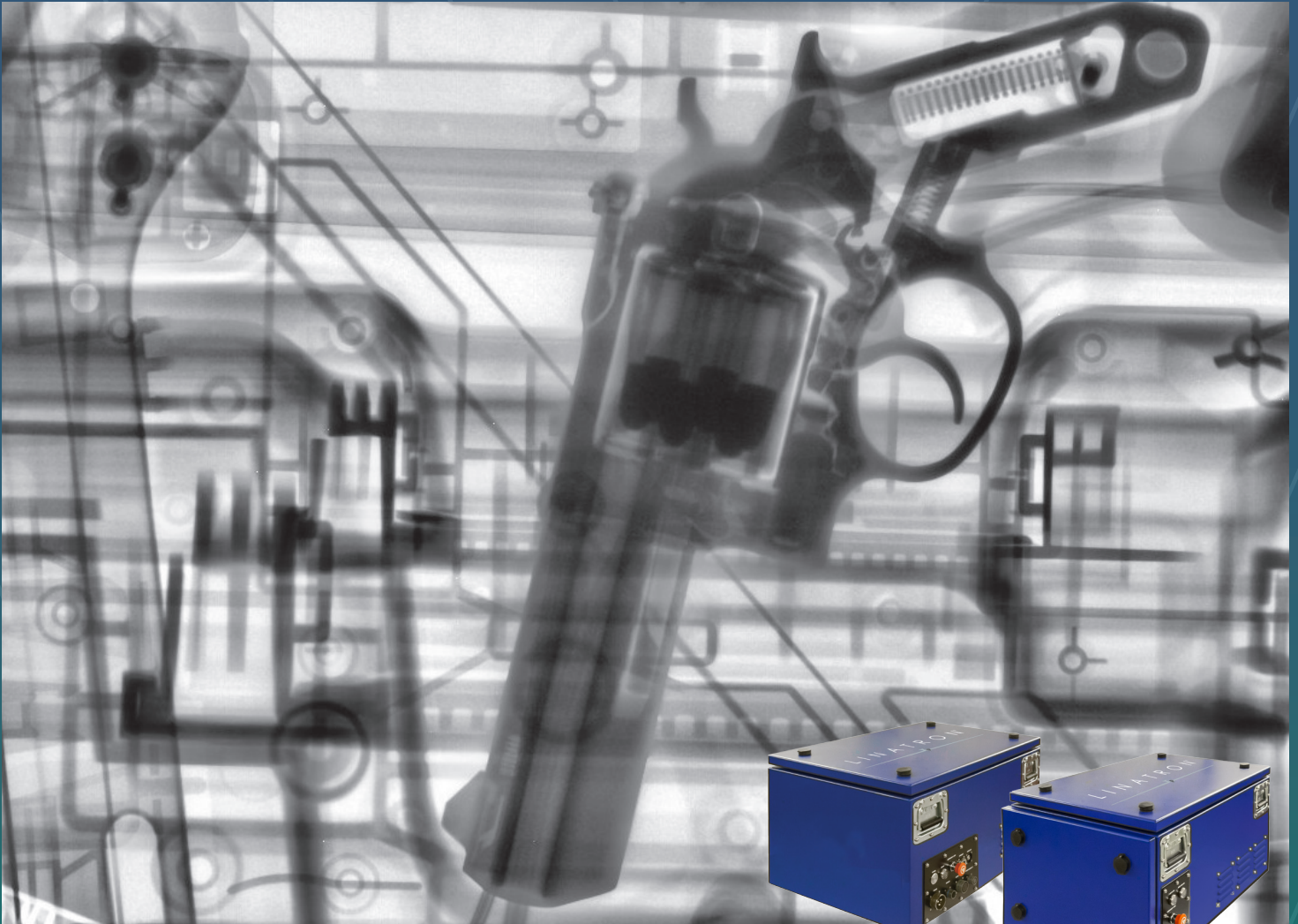


# LINATRON™ XP

FOR SECURITY & INDUSTRIAL SOLUTIONS



**VAREX**  
IMAGING



The Varex Linatron XP consists of an X-band, pulsed X-ray source and Modulator housed in separate transportable enclosures.

Designed for mobility, the XP brings practical high-energy imaging capability to security and NDT field applications. It is available in either air-cooled or liquid-cooled configurations. For additional flexibility, the beam centerline can be configured in one of three positions to optimize the primary beam path for a given application. Several cone, fan, and slit beam collimation options are also available.

# Linatron XP Specifications



The Linatron XP can be deployed for pipe inspection, perimeter security, vehicle inspection, as well as infrastructure and military applications. Designed for quick setup and teardown, the Linatron XP can be integrated with the Varex 2530HE flat panel detector for high-resolution digital imaging or paired with computed radiography and film.

## Standard Equipment and Services

- X-Ray Head Assembly
- Modulator Power Distribution Assembly
- Interconnection Cable Kit and Customer Connection Kit
- Liquid Temperature Control/Regulation Assembly (If Applicable)
- Operator Reference Guide and User Interface Software
- Varex Standard Warranty
- Optional equipment: Control Tablet with 300 ft. cable

## X-ray Performance

<b>0.95 MeV Liquid &amp; Air Cooled</b>	<b>1.3 MeV Liquid Cool</b>
Focal Spot: $\leq 1.5$ mm	Focal Spot: $\leq 2$ mm
Output: 3 R per minute	Output: 12 R per minute

\*Air cooled max continuous on time up to 10 minutes depending on ambient air temperature

- Nominal HVL: 1.4 cm Steel
- Pulse Rate: 30-300 pps
- **Air Cooled** Ambient Operating Temp Range: 0° to +50°C
- **Liquid Cooled** Ambient Operating Temp Range: -20° to +50°C
- Humidity: < 90% NC

## Power/Dimensions/Setup

- Power: 230 VAC, 2.5 KVA
- X-ray Head: 84.5 x 49.5 x 40.9 cm (140 lbs)
- Modulator: 81.3 x 49.35 x 40.9 cm (102 lbs)
- Pendant: 29.9 x 19.6 x 40.9 cm
- Field Setup Time: 10 minutes
- Field Warm-up Time: 10 minutes

## Integration Options

Varex 2530 HE aSI Flat Panel Detector  
139 micron resolution

## Integration Options

Several cone, fan, and slit beam collimation options are available.

## More Information

As the world's largest independent supplier of medical X-ray components, we have extensive experience providing high-quality, safe, and effective products.

For more information, please contact a Varex Imaging sales representative at [ndt.cs@vareximaging.com](mailto:ndt.cs@vareximaging.com) or [security.cs@vareximaging.com](mailto:security.cs@vareximaging.com).

Data taken on 1.3 MeV XP unit compared to various cobalt source strengths. Image quality was assessed through 3" steel plate. Image quality produced by the 1.3 MeV XP unit was equal to or better than that of cobalt per ASTM E142.

Cobalt Size (Ci)	1.3 MeV XP Speed Up Factor
5	60
10	30
25	12
50	6
60	5
75	4
100	3

CE Marking - Pending  
CE and FCC Part 15 Class A

ETL Marking - Pending  
UL STD 61010-1 / CSA C22.2 No. 61010-1

Quality Standard  
Quality Management Systems is registered to ISO 9001:2008  
Specifications subject to change without notification.

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