



**Control
Screening**

DYNAVISION® Desktop 300

Mail-Parcel Color X-ray Scanner



Criminal vengeance and terrorist attacks by parcel and letterbombers have risen dramatically in recent years, causing a growing uneasiness and vulnerability in the professional workplace today. Non-invasive inspection of incoming mail and parcels provides proven employee and executive protection against parcel bombs, mailbombs, narcotics or weapons.

The **DYNAVISION® DESKTOP 300** is the compact, low profile, digital desktop x-ray inspection system for mail, parcels, purses and backpacks. It is ideal for:

Mailrooms • Government Buildings • Workplaces
Banks • Embassies • Professional Offices
Courtrooms • Broadcasting or Publishing
Security Sensitive Areas

PRODUCT FEATURES

- Employs the latest digital color airport screening technologies, proven highly effective in airport, government and corporate facilities. Provides a very real (and cost effective) deterrent, boosting overall confidence while protecting your valued professionals.
- Much brighter and clearer than monochrome fluoroscopic scanners, and without corner cutoff – due to folded array design. More positive and effective than metal detection for modern detonators and explosive devices.
- Completely film safe, providing an ultra low dose to scanned mail, unlike fluoroscopic scanners.
- With its convenient controls and low profile desktop design, the Dynavision® Desktop 300 is very office friendly.
- The only subcompact scanner with a generous compartment for better throughput and scanning capabilities, to handle greater parcel size and weight.
- Advanced, high contrast image, featuring high resolution color and automatic edge enhancements, automatic threat alert, multifunction zoom, and more thorough package inspection.
- Made in the U.S.A. with the professional reliability and worldwide service one expects from a former division of Philips® with over 60 years experience in producing and supporting x-ray security screening systems.



GENERAL SPECIFICATIONS:

DYNAVISION® Desktop 300

Dimensions of inspection chamber (maximum object size)	400mm L x 330mm W x 203mm H 15.5" L x 13" W x 8" H
Maximum weight of object	Unlimited
Article penetration capability	4mm of steel minimum, 6mm typical
Wire detectability	38 awg (0.10mm) typical
Monitor Contrast	256 gray levels
X-ray dose per inspection (typical)	Approx. 0.1 mrem (1 µSv)
Film Safety	Guaranteed for high-speed films, up to ISO 1600 (33 DIN)
Duty cycle	100% No warm up procedure required

X-RAY GENERATOR

Anode voltage	90 kV cp tube operates at 55 kV cp Sealed oil bath cooled
Tube current (typical)	0.1 mA
Beam Divergence * beam direction	80 degrees • diagonal

IMAGING SYSTEMS X-RAY

X-ray Detectors	L-shaped detector array
Image features	Dynagraphy Color, Auto Threat Alert, Edge Enhance, Dark and Light Scan, Variable Gamma, High Resolution mode and High Dense enhancements. Zoom magnification, two and four times
Image evaluation functions	14" color monitor with high resolution (flicker-free 70 Hz) image, meets MPR II Energy Standards, 15" or 17" optional. LED x-ray "on" indicators for lower maintenance.

ADDITIONAL FEATURES

Options	Remote control via cable PC interface; larger monitors; lockable monitor hood and command center; power conditioners.
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INSTALLATION DATA

X-ray leakage	Meets all applicable radiation protection and health regulations with respect to x-ray emitting devices. Radiation leakage far below 5µSv/h (0.5 mrem/h), typical values less than 1µSv/h (0.1 mrem/h) at a distance of 5 cm from external housing. Meets USBRH Standards, 21 CFR 1020.408.
CE labeling	Complies with "Machines" guidelines (89/392/EWG) meets IEC 348 and FCC 20780 Standards for electronic and electromagnetic compatibility.
Operating (storage) temperature, humidity	0°C - 40°C (-20° C +60°C) • 10% - 90% (noncondensing)
Power supply	230 VAC ± 10% • 50 Hz / 60 Hz ± 3 Hz 110 VAC / 60 Hz ± 3 Hz
Power consumption (without monitor)	Approx. 50 VA (standby mode); approx. 70 VA (during inspection cycle)
Dimensions & weight	72mm L x 445mm W x 393mm H • approx. 83kg 28" L x 17.5" W x 15.5" H • approx. 185 lbs.
Mechanical construction	Unibody steel construction with stainless steel Command Center
Standard color	PC Beige

Control Screening LLC, a former division of Philips (since 1937), designs, manufactures and supports the leading and most complete, advanced line of x-ray scanners and metal weapons detectors, with the most units field employed.



Control Screening LLC

Celebrating sixty years of excellence in design and service

HEADQUARTERS

CORPORATE & INTERNATIONAL SALES

FEDERAL AND LOCAL GOVERNMENT SALES

Federal Lab
Scan Tech Divisions