High definition, low cost x-ray screening

TR15

TR Detector 15

Reliable postal protection is more critical than ever as it is not always possible to predict what will arrive. The TR15 is the best way to safe-guard your business and workforce against the disruption, damage, injury, or even death that postal threats can cause.

Designed for businesses where space and budget are a premium. TR15's advanced scanning instantly reveals any potential danger – so you'll always know what your mail contains, before you open it.

Features

- Compact Footprint and cost effective
- When you need instant threat detection including terrorism, drugs and other related
- Full colour 19" TFT screen
- Quick and easy to use
- Optional Enhanced Powder detection

Benefits

- When available space is restricted
- Highest quality unit from a trusted source
- When you receive anonymous mail and small packets
- Also screens small bags and packages
- Quick and Easy to Use Push Button Control
- Full Training included in Full Maintenance Cover

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DETECT & PROTECT

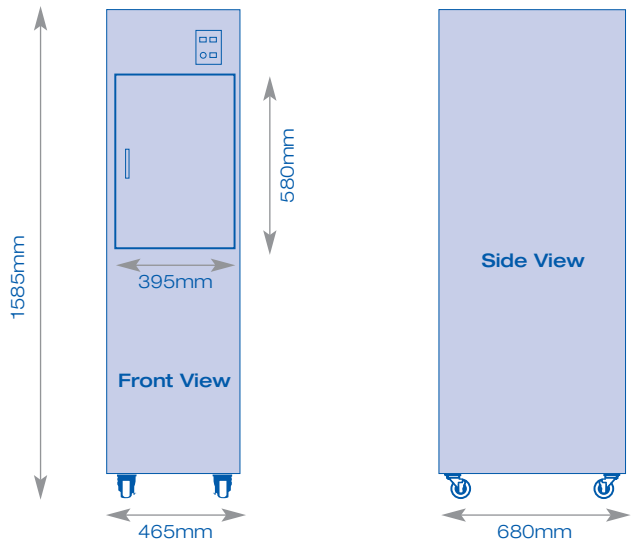
TR15 Technical Specifications

Image processing features

The TR Detector 15 has the following operating and image processing features:

Function	TR15
Automatic field flattening	•
Up to 16 times zoom	•
On screen service reminder	•
Adjustable image colour facility	•
Full colour 19" TFT Monitor	•
Density Alert	•
Enhance Mode: Negative Image	•
Enhance Mode: Enhanced Powder Detection (EPD)	•
Enhance Mode: Image edge enhancement	•
Enhance Mode: Sharpen image	•
Enhance Mode: Emboss image	•
Variable density image enhancement	•
Enhance Tools: Brightness, Contrast and Gamma adjustments	•
Colortrace III Standard, Advanced & Training operating modes	•
Image archiving & management	•
Image print & export	•
Image annotation	•
Externed keyboard supplied	•
External printer supplied	•
Interactive program to test user ability	•
Ethernet compatible for remote operation	•
High resolution digital camera option	•

The parameters of the two Pseudo-colour enhancement and 3-point Density Alert functions are factory set by Todd Research Ltd., and are designed to provide optimum image highlight and contrast conditions. These enable the operator to distinguish easily and quickly between different densities.



Detection System

- Wire Resolution: 36AWG
- Steel Penetration: 3mm

X-Ray Generator

- Anode Voltage 80kV

Power requirements

240V / 11OV, 50 / 60Hz, 75OW

Display

- TFT Monitor 19" LCD (128OxlO24) pixels

Health and Safety

All equipment complies with applicable international health and safety regulations.
Leakage dose at outer surface <1.OµSv/h (O.lmR/H)
Film and magnetic media safe.

Operating environment

Operating temperature: O°C - +40°0
Storage temperature: 15°C - 50°C
Relative humidity: 85% non-condensing

General dimensions

Height 1585mm
Width 465mm
Depth 680mm
Net weight 160kg

Inspection chamber

Height 520mm
Width 445mm
Depth 585mm

Image area

Width 410mm
Depth 550mm

Shipping dimensions

Height 1,900mm
Width 750mm
Depth 750mm
Weight 250kg

Door opening

Height 580mm
Width 395mm

Design Policy

Todd Research reserves the right to change specifications in the course of continuous improvement. Specifications are provided for reference only and actual equipment may differ slightly from the description given. Typical dimensions are within ±5% of nominal values.

Todd Research – ***safe in our hands***

We are dedicated to providing essential threat protection to every organisation of every size.

We deliver appropriate, reliable and innovative security solutions – because we never forget that anything less could result in potentially severe or fatal consequences for your operation.

We constantly invest to fulfill future security needs. Fully compliant with all HSE and international safety standards, with Todd Research it's more than an investment in technology – its an investment in total peace of mind.

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