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EI-LS1525   Liquid Scanner

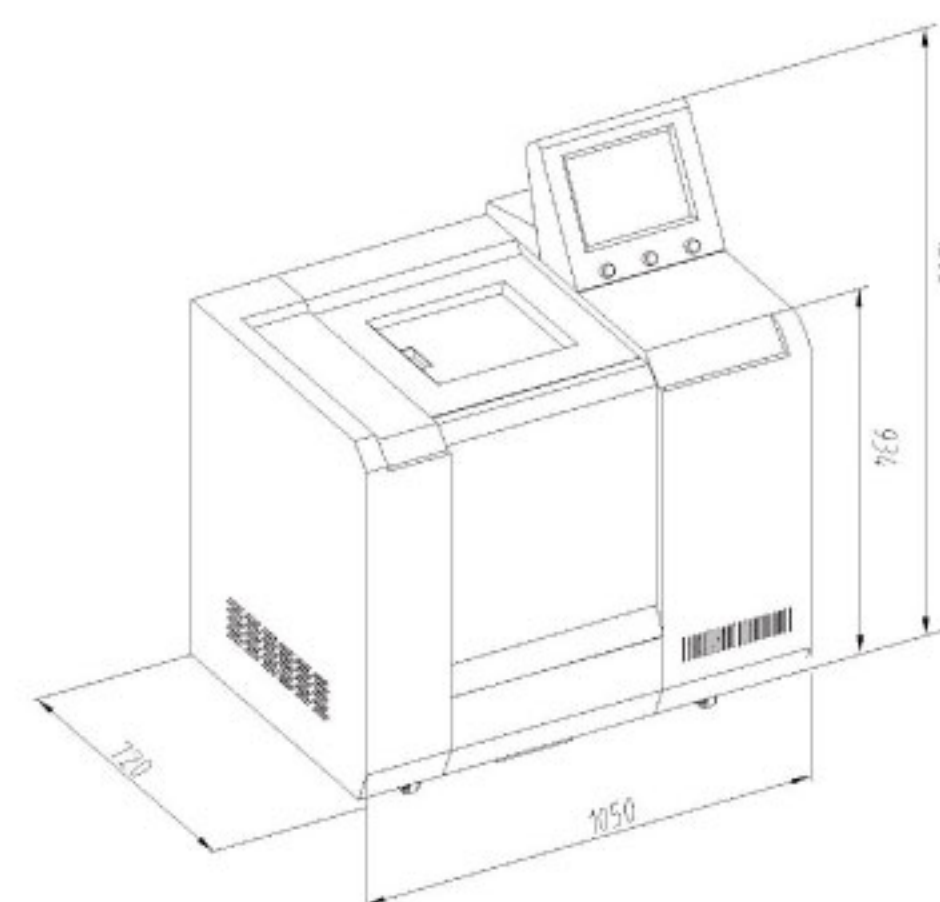## Main Features

◆ CT technology apply in liquid check, attain the liquid property via Computed tomography scan

◆ Detect and differentiate water, milk, alcohol, gas, lacquer thinner, sulphuric acid and the other normal

    liquid with their dangerous levels of: Safe, Suspect and Danger

◆ Video image and CT image of detected object for analysing and tracing

◆ Detect the liquid in glass, plastic, metal, ceramics and the other normal packing materiel

◆ High speed detecting, maximum 20sec per liquid object

◆ Power on / running self-diagnostics function

◆ Comply with liquid scanner requirements in DB11/646.6-2009

◆ Wheel with lock, for easy moving and fixing

◆ Varieties analysis reports

Main technical parameters

◆ Object Size...150mm(diameter)×250mm(height)

◆ Detecting speed...180 pc/hour

◆ X-ray generator...80 KV combination

◆ Cooling/ Duty cycle.....................................Sealed oil cooling/100%

◆ X-ray detection sensor..................................Precision photodiode array

◆ Leakage...≤1 μGy/hour(5㎝ from the cover)

◆ Beam direction..horizontal irradiation

◆ Noise ....<60dB(A)

◆ Dimension..1050(L)×720(W)×1205(H)mm

◆ Weight..350KG

◆ Work temperature & humidity......................0℃~45℃ / 20%~95% (non-condensing)

◆ Storage temperature & humidity.................-40℃~60℃ / 20%~95% (non-condensing)

◆ Voltage...AC 220 V +10% ~ -15%,110V is acceptable under special requirements

◆ Frequency..50±3Hz, 60±3Hz is acceptable under special requirements

◆ Consumption..0.5KVA

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EI-V6550   Multi-energy x-ray security inspection equipment

Main Features

◆ Excellent image presentation due to high density multi energies optimal x ray geometry

◆ Outstanding image quality with EI gauge detecting electronic

◆ Fresh compact designing with. bilateral HB dual colored LED monitor on entry & exit

◆ Qualified by world highest safety standard due to new radiation protection technique

◆ IPA (Image Processing Algorithm) allows programs to convert pictures in a variety of formats

◆ Image seamless Photomerge function

◆ User-defined image combining & transforming function used with shortcut key

◆ Two monitors configuration dual display black & white and color images

◆ Three authorities management system for the Operator, shortcut key of menu and motivate the menu according to authority

◆ Status information real time display: microimage guide, system running timer, beam shooting timer, baggage counting, X-ray generator status, malfunction tip, operator ID, time & date

◆ Scanning function for undistinguishable / ultra-slim object

◆ Super self diagnosis, real time monitoring and malfunction indicating, emergence stop under serious malfunction

◆ Real time recording performance log brings quick fault diagnosis and maintenance

◆ Energy-saving, short-cut-key of power off function

◆ Various statistic reports assists in managements and analysis

◆ Plenty of subsidiaries, easy adaptation and extension of function

◆ Multilingual support

I． Basic technical data

- Tunnel size...................................605(W) X 505(H) mm
- Conveyor speed........................0.20 m/s
- Conveyor max load.................160 Kg
- Wire resolution............................Metal wire of 0.0787 mm diameter （AWG40）
- Spatial resolution........................Metal wire of 1.0 mm diameter
- Penetration................................34 mm steel
- Film safety..................................ISO1600 film Safety
- Leakage.....................................≤1 μGy/hour,(5cm from the surface)
- Beam direction..........................From bottom
- Generator..................................160 KV combination X Generator
- Cooling cycle ....Sealed Oil Cooling/100%
- Detection Sensor.......................Precision Multi-energy L-shape photodiode array
- Image processing.......................32 bit real time processing
- Gray level..................................65536 level

II、 Image processing

- Image presentation mode......Color/black & white switch display or Color/black & white Split-screen display
- Image presentation..................High energy and low energy integrated or switched display
- Image transformation...............Enhancement, Rey level scanning, Organic/Inorganic compound rejecting, part grey level stretching
  Enhancement, low-density enhancement, image restoration
- Photomerge..............................Realize photomerge seamless
- Image recall..............................Continuous 200 pictures
- Image save................................20000 pictures storage in real time
- History image list.......................On-line browse of historical images
- Zoom..Zoom whole or part image. The step size can be set, 16 times in maximum. The magnifying glass
  display function is available for the partly amplification

III、 Installation Requirements

- Work temperature & humidity............................0℃~45℃ / 20%~95%（non-condensing）
- Storage temperature & humidity........................-40℃~60℃ / 20%~95%（non-condensing）
- Voltage...........................AC 220 V +10% ~ -15%,110V is acceptable under special requirements
- Frequency........................50±3Hz， 60±3Hz is acceptable under the special requirements
- Consumption..................About 0.5KVA

IV、 Safety Standard

- Comply with China and International standard of Electrical safety Regulation
- Comply with China and International standard of Electromagnetic Compatibility
  Regulation
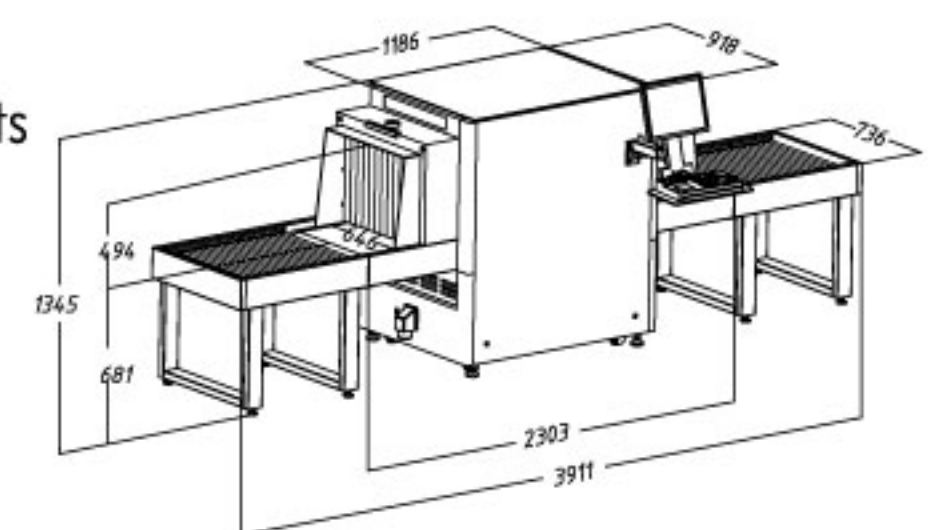
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EI-V3000   High Sensitivity Digital Walkthrough Metal Detector

High–precision LED lattice panel

Main Features

◆ World-leading sensitivity of a pin detection; suitable for high level security inspection

◆ Introduce the concept of logical location, obtain the exact location of metal by logical location defining and its continuous sliding

◆ With industry-leading capability of "flying objects" detection; realize accurate counting of the pedestrian when select light sensor switch

◆ With multi-zone high-brightness LED lights and indicate accurate location with sound alarm

◆ Digital signal processing technology; super high anti-interference ability; 5cm minimum distance between the two gates

◆ Preset 10 detecting models, which can be selected directly according to the requirements

◆ Strong adaptability to the environment; select the most suitable frequency automatically according to the interference situation; adjust the working frequency manually when more than one gate work together in order to satisfy the requirements of the complicated environment

◆ Strong ability for self diagnosis; running status monitoring; error alarm with sound and light

◆ The outer cover is made of high strength material, which has a strong capability of waterproof, fireproof, anticorrosion and shockproof and can be used in any environment

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Ⅰ. Technical Characters

◆ Detection Sensitivity....................A pin can be detected

◆ Sensitivity Level..........................Adjustable 255 levels sensitivity in each detecting zone; Effective sensitivity more than 200
levels in the whole unit

◆ Detecting zone...........................4/8/16 detecting zones optional

◆ Display Monitor...........................HB LCD Screen

◆ Frequency..................................100 selectable frequency ranges

◆ Response Speed.........................Adjustable response time: 0.3s、1s、2s、3s、4s、5s; return to the detection state
automatically when alarm over

◆ Audio alarm...............................Adjustable 10 audio volume levels; Adjustable 10 tone levels

◆ Light warning bar.......................Multi-zones HB LED light-warning-bar

◆ Operating Mode........................10 user-defined operating models presetting

◆ Operation authorization............Password protection function, authorization using only

◆ Counter.....................................100% accurate counting on alarming time and pedestrian; Maximum displaying and
storage numeric data is 1million

◆ Anti-interference.......................No false alarms while metal objects moving 10mm far around the equipment

◆ Factory default resetting...........Quick reset Factory default

Ⅱ、Installation Requirement

◆ Power Supply.............................AC100V~240V/50~60HZ;Power Consumption：30W

◆ Working Condition.....................Temperature：-20℃- +45℃ Humidity：0~95%（no condensation of moisture)

◆ Exterior Dimensions.....................2222mm(H)X860mm(W)X701mm(D)

◆ Interior Dimensions.....................2050mm(H)X720mm(W)X701mm(D)

◆ Weight.......................................Approx.75kg

Ⅲ. Safety Standard

◆ It is safe for the cardiac pacemaker /the defibrillator wearer, pregnant
women and magnetic storage media

◆ Comply with China and international Standard of the electrical safety regulation

◆ Comply with China and international Standard of the electromagnetic compatibility
regulation
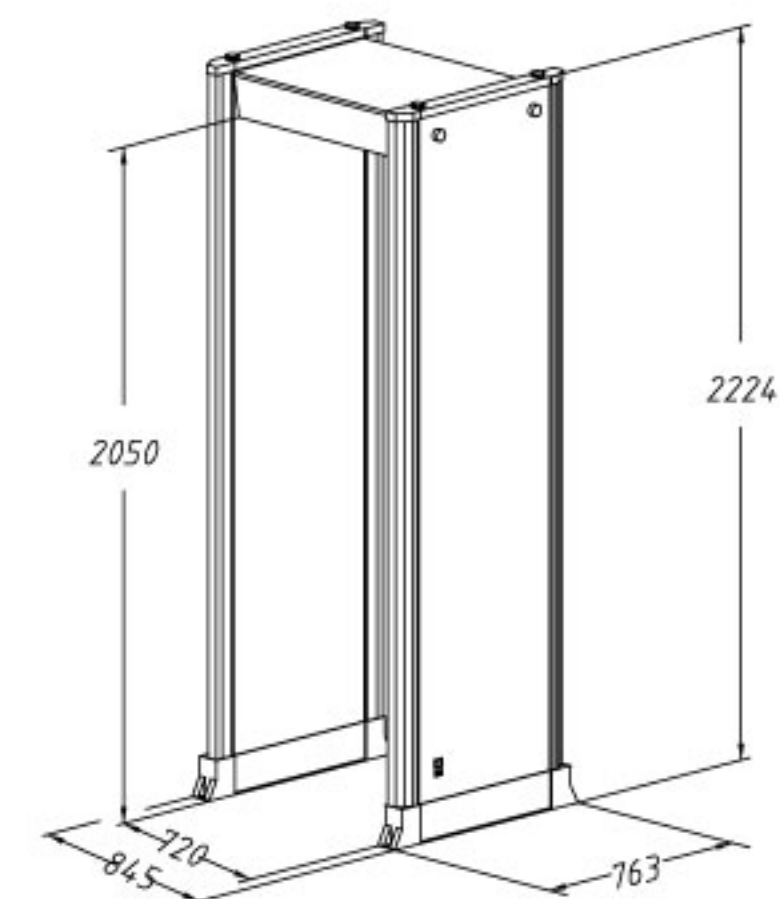
2224

2050

845   720   763

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EI-V301　High Sensitivity Handheld Metal Detector

Main Features

◆　Exquisite appearance；　special design for airport and other high level application

◆　Super high sensitivity that half of a pin can be detected

◆　Sound and light alarm; adjustable sound volume

◆　High speed detection response

I. Technical Data

◆ Detection Sensitivity......................Half of a pin can be detected

◆ Sensitivity level...............................3 Adjustable levels: High, medium and low level

◆ Visual & audio alarm.....................Visual and audio alarm available, audio alarm ON/OFF

◆ Dimension......................................410（L）x 95（W）x 37（H）

◆ Weight...350g

◆ Power supply.................................9v battery or rechargeable battery

◆ Working condition.........................Temperature：-20℃- +45℃ Humidity：0~95%（non condensation moisture）

II. Safety standard

◆ Comply with China and international standard of electrical safety regulation

◆ Comply with China and international standard of electromagnetic Compatibility Regulation

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