

## Letterbomb

### METAL DETECTOR / MAIL SCANNER

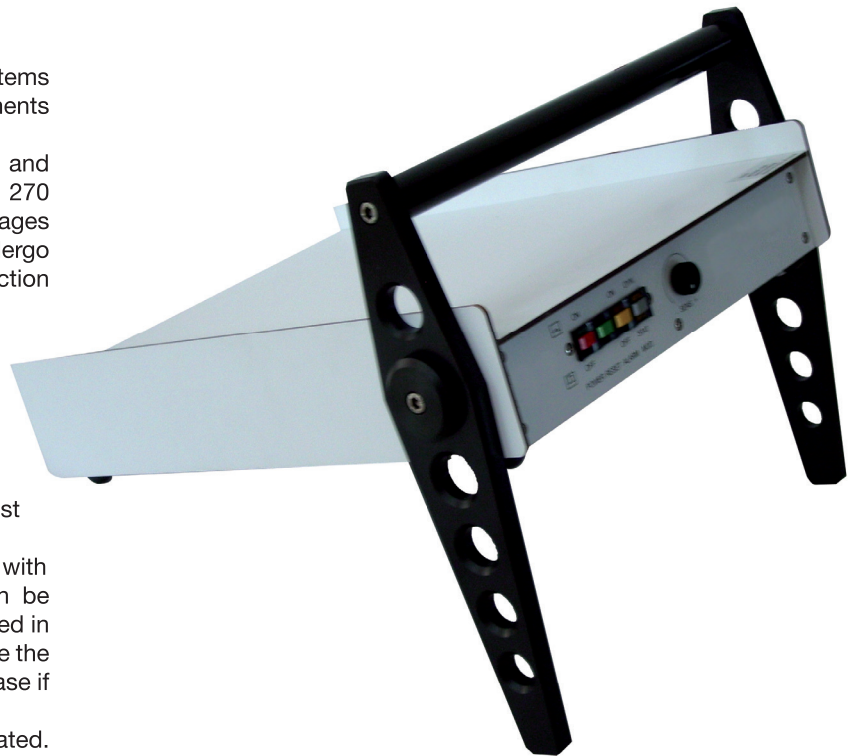
The metal detector Letterbomb is used to pre-inspect post items such as letters, flat packages and parcels for metal components which may be part of an explosive or incendiary device.

The equipment detects ferrous as well as non-ferrous metals and alloys. Parcels with a height up to 55 mm and a width up to 270 mm can be inspected. It is recommended that letters and packages sorted out as containing suspicious metal parts should also undergo a check by X-Ray detectors. The combination of the two inspection methods offers a high safety level.

The Letterbomb comprises a 'slide'-like inspection ramp with integrated sensor and a bracket. Once the Letterbomb has been put into operation and tuned just let the mail slip down the chute. A suspicious letter or other object will be identified by an audio and visual alarm and can be separated out for further checking by the security personnel. The alarm mode can be selected, i.e. either audio and LED indication or just LED indication (silent mode).

The sensitivity can be steplessly adjusted in accordance with the requirements. The detection of small metal objects can be suppressed to a certain extent. The Letterbomb can be operated in a static mode or in a dynamic alarm mode. In the dynamic mode the frequency of the alarm and the brightness of the LED will increase if a metal object is in the vicinity of the sensor.

This facility permits the position of the object to be clearly located. The detector auto-resets after each alarm. In the static mode the metal detection audio alarm remains at a constant level and the LED flashes.



#### TECHNICAL SPECIFICATION:

- **Power supply:** by built-in rechargeable battery NiMH
- **Alarm:** Optic and (switchable) audio alarm. Selector for dynamic operation mode, pulse alarm with automatic reset; or static operation mode with continuous alarm, alarm reset by push button
- **Battery control:** by flashing LED
- **Operation time:** approx. 12 h
- **Temperature range:** approx. -5 °C to +40 °C
- **Dimensions:** chute approx. 380 x 280 x 65 mm, support folded 380 x 280 x 215 mm in operation
- **Dimensions (in operation):** approx. 320 x 260 x 420 mm
- **Weight:** approx. 2.9 kg

