

R.C.C.L.

Radiological Control of Container Load

- **RCCL** systems were specially designed for detection of very low radioactive sources in containers.

RCCL is based on our DSP 001 plastic scintillation detector connected to CTM or ANDREA processing unit. It can be used at the entrance or exit of many different sites: nuclear power plants, research centres, waste disposals & waste incinerators, hospitals ...



➤ Technical characteristics

Detectors: plastic scintillation detectors DSP 001 (sensitive volume: 2.5 litres) (see product sheets)

Processing units:

- ANDREA or CTM (see product sheet)
- alarm output: BAC 302 or BVS 300. Audible & visual. Local & remote
- printing and RS 232/ 422/ 485 outputs
- presence detectors: Doppler radar REM 304
- control software: supervision of several systems
- communication with weighbridge software
- operating temperature: -10 to + 50°C. Option: -30 to + 60°C

Similar equipment:

- control of vehicle loads (RCVL) or boat loads (RCBL)
- whole body contamination monitors (CORAPI 2 and CORAPI 3)
- laundry monitor (CORALI)

- **Certified by many international Certification authorities in the frame of on-site tests: ITRAP (IAEA), IRSID (Arcelor), CTHIR....**
- **Very low detection limits. Performances of the system can be calculated for each site by our physicians when requested**
- **Up to 8 detectors can be connected**
- **Fully Automatic. No staff required**
- **Real time compensation of the background attenuation during measurement. Low false alarm**
- **Systems operated in harsh environment**
- **Latest Technology. Fast processing unit**
- **Easy to use and to install**
- **Maintenance free. No calibration**
- **Remote diagnosis**