R.C.V. L .

Radiological Control of Vehicle Load

RCVL systems have been specially designed for detection of very low radioactive sources in Vehicle, Train or containers Loads.
RCVL is based on our DSP plastic scintillation detector or CDM neutron detector series connected to CTM or ANDRE processing unit used over 900 sites worldwide.
It can be used at the entrance or exit of many different sites: Nuclear Power Plant, Research Center, Scrap and Steel Industry, Waste Disposal & Waste incinerator, Hospital, Boarder crossing points, etc…

Technical characteristics

Detectors:

1- Shielded plastic scintillation detectors DSP 001, DSP 002, DSP010 (sensitive volume: 2,5 to 25 litres) (see product sheet),
2- Gamma and neutron detectors CDM or neutron detectorCDN (see product sheet),

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: Infrared cells CIR 305, inductive loops BDM 303, Doppler Radar REM 304
Management softwares: Supervision of several systems
Communication with weighing bridge software
Operating Temperature : -20, + 50°C. Option: -40, + 60°C

Similar applications :

-Control of scrap, scaffoldings or tools on conveyor belt (BANCO CORAMAT, RadObject) ,
-Control of containers CRCC,
-Whole Body contamination monitors (CORAPI2 and CORAPI 3),
-Laundry monitors (CORALI)

- More than 900 equipment operating worldwide
- 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 at your request.
- Up to 8 detectors can be connected
- Fully Automatic. No staff is needed
- Real time compensation of the background attenuation during the measurement. Low false alarm
- Systems operating in harsh environment,
- Latest Technology. Fast processing unit
- Easy to use and to install
- Maintenance free. No calibration.
- Telemaintenance

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