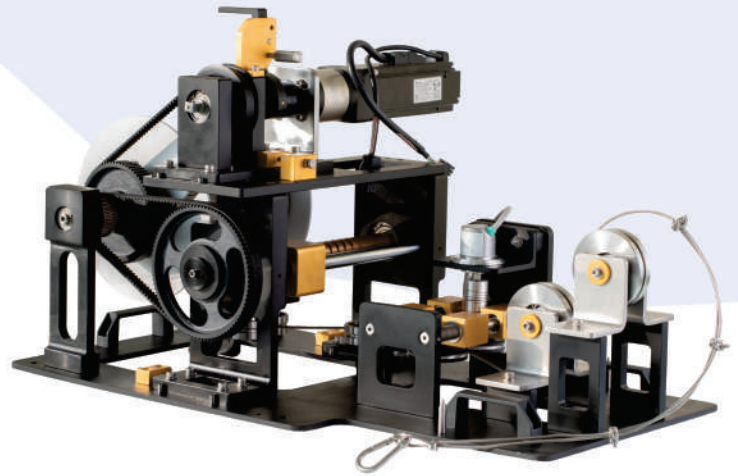


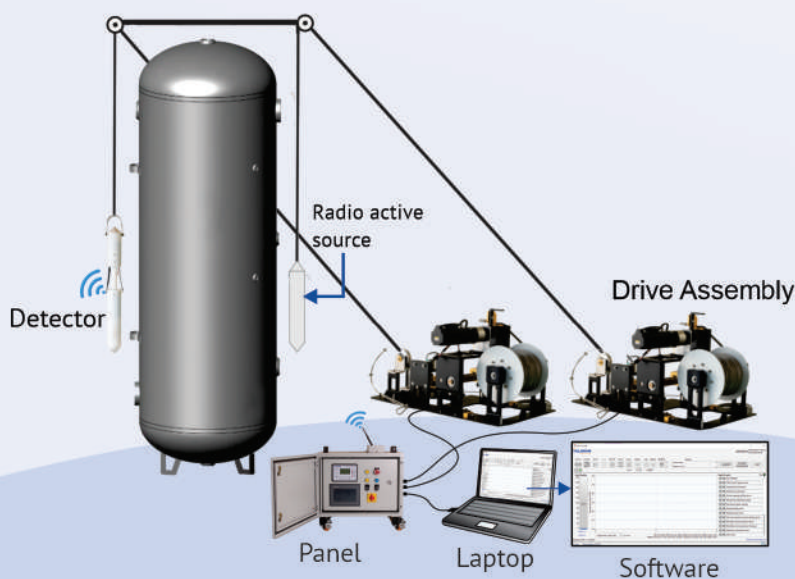
## Advanced Automatic Column Scanning System

The scanner system is used for scanning large industrial boilers, petrochemical refineries, cement plants, chemical furnaces, mining plants, and chemical reactors. The system is also used to find out the fault/defect in the pipeline, the density of the liquid, etc. for proper operation. The parameters of the system can be continuously monitored and controlled by the application software.



### Features:

- Source Holder
- Gantry System
- Battery for 8 hrs. operation
- Rechargeable Battery
- Examine the operation of the system using software



Conceptual Image

The two servo machines are connected to Source and Detector respectively. This source and detector are then passed across the object to be tested. The PC utility software sends commands for count reading to controller. The controller executes the command by sending appropriate command to servo motor driver. Parallely application controller sends the command to LoRa device for getting data. The receiver LoRa device sends the counts and other required information like detector and source position, speed, distance, etc. The application controller receives the count from LoRa device and sends to PC utility. The parameters are recorded and monitored continuously on a laptop using application software. The data is recorded and stored in excel for observation and further correction.

## Specification:

- Operating Voltage: 110VAC to 230VAC
- Drum cable length: 50/100 meters
- Detector: Scintillation detector
- Communication protocol: RS485 and CAN
- Range: 100 meters
- The levels of the detector and source can be adjusted through software

## Mechanical Specification:

Dimensions: 720x480x405 (LxWxH)


(All the Dimensions are in mm)

Material: Aluminium and SS




Product improvement is a continuous process. Please contact Yelsons marketing team for the latest updates.

**YELSONS INDIA PVT. LTD.**

 Website: [www.yelsons.com](http://www.yelsons.com)

 Email ID: [info@yelsons.com](mailto:info@yelsons.com)

 Contact No: +91 9090595929