Chroma
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RFID
technology

Measurements
with digital
balances

Chemicals
tracking

MSDS
info point

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Modular system for laboratory security management

■ RFID chemicals identification

Cheap small adhesive tags assigned to chemicals permit to the system the control of their location and amounts.

■ Balance measurements

You can connect until 3 balances to each measurement workstation. Arin software is programmed to retreive the amount of chemical withdrawn and update the total amount available.

■ Chemical monitoring

Arin is based on RFID technology. Security point sation make a continous scanning of their related area. The system records any tag transit and is projected to perform (if you like) actions after tag recognition. Twelve logical ports are connected to corresponding relè that permit you to activate any kind of equipment as doors, alarms, lights, etc.

■ MSDS info point

Dedicated station works as info point for chemicals. RFID reader recognize chemicals by their tag. Info point is a touch screen station with the capability to show any section of MSDS and hazard pictograms.

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lab management system

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Modular system for laboratory security management

- RFID technology
- Measurements with digital balances
- Chemicals tracking
- MSDS info point

arin system

The system is based on RFID technoly and WiFi infrastructure: 2.4GHz and 5GHz are available simultaeusly for security and efficiency reasons.

RFID readers are Bluetooth and USB models.

Barcode readers are Bluetooth models with 1D/2D capabilities.

Balance (KERN tested) connections are available via Bluetooth both for serial or USB interface.

RFID controller manages until 4 security points (RFID scanning) and 12 logical switches paired each one with a relè to hande any external equipment.

Measurement workstations and Info point stations have touch screen with a captivating interface kiosk like.

Arin system is modular and may be composed by several Info points, many measurement workstation and management stations.

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