

PAK-SCAN/500 WEIGH CONTROLLER

DESCRIPTION

The PAK-SCAN/500 is a design based on standard PLC hardware, utilising the advanced processing power and speed of the Allen-Bradley SLC500 series.

The software is a powerful and specially developed combination of data processing, data storage and discrete logic control, providing the intelligence and performance necessary to meet this application's demanding requirements. The hardware base provides a second-source of all components that the customer can access directly from Allen-Bradley offices worldwide if required.

HIGHLIGHTS

- Support for up to 16 weigh heads
- 16 bit very high speed A/D conversion
- Multiple program/setups for preset weight/product operating parameters
- Check-weighing every weighment
- Automatic Tare
- Automatic Fine Feed control
- Automatic Weight control based on assessment of every weighing
- Extensive data reporting capability including weight zoning, mean weight and standard deviation calculation, throughput reporting, etc.



PAK-SCAN/500 WEIGHING
CONTROLLER

FEATURES

- Touch-screen operator interface provides intuitive and simple access to the many features available
- Weight zone performance analysis increased from 3 to 11 zones
- Histogram display for each scale unit performance
- Improved analog and digital filtering
- Software based calibration - no tools required
- Capacity to interface directly with plant equipment on a wide range of standard network systems for control and reports
- More extensive fault and help information available to the operator
- Remote installation of operator touch-screen easing installation requirements around bagging equipment
- Optional modem connection for remote diagnostics, service and upgrade downloads



ALLEN BRADLEY SLC 500



SLC 500 OUTPUT MODULES

Designed and
Manufactured by

DATA COLLECTION AND COMMUNICATION OPTIONS

Bud-Pak fully understands the requirements of operating modern packaging plants, including the need for information and data.

Throughput, performance analysis, operating data, faults and maintenance requirements are all the type of data which aids the operation of a modern packaging plant.

This type of data is available for use when your scales are controlled by the PAK-SCAN/500. Software enhancements for providing all the data you need can be added to your system.

Know the periods of operation of the packing line. Know the reasons for stoppages and their duration. Know the throughputs of the line in both totals and package averages. Know the scales' precise performance and status - every weighing is checked.

Let the PAK-SCAN/500 collect the data for you.

Output utilises the powerful and flexible options made available by the Allen-Bradley SLC family.

- RS-232C – allows direct connection to a dedicated printer for report printouts. Also allows remote Modem connection to a PC.
- DH-485 – allows connection to other PLCs and PCs.
- DH+ – allows connection to other PLCs, PCs or plant control SCADA system.
- Ethernet – allows connection to plant or data network linking to a Server or SCADA system.
- ControlNet – Allen-radleyB plant control network to interface with SCADA control system and other PCs.



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