LCIB Loadcell Computer Interface

If it's a low cost, high accuracy computer based weighing solution that you're after, look no further. Massloads LCIB computer scale interface is the most sophisticated computer based digital weight indicator available. Don't be fooled by it's small size, it packs a ton of features!

The LCIB can be used for either static or dynamic weighing, and is used exclusively with Massload's weigh in motion systems.

ScaleScope has been designed to offer many of the features that high end digital weight indicators have. These include a ticket editor that allows the user to make custom designed tickets, support for a remote display using a standard RS-232 protocol, up to 6 user definable set points that allow the sending of RS-232 characters when the set points are reached, counting scale module with an unlimited amount of parts, and many other features.

MASSLOAD LCIB INTERFACE

SCALE PLUG

Used with Massload's Weigh in Motion Systems

RUGGED, DIE-CAST, ALUMINUM BODY POWDER COATED

2.5" (64mm)
4.6" (119mm)
1.125" (30mm)

STATUS LIGHT

USB PLUG

LCIB Features:

• Samples sensor at 2000 times a second - great for dynamic weighing
• .01% resolution or better when used for static weighing applications
• Unlimited linearity adjustment (multi-point calibrations)
• No external power supply needed (device powers up to 12, 300Ω loadcells)
• Fully rated USB 1.1 computer interface allows you to use high speed weighing software on any computer! Forget the full sized desktop.
• 16 bit resolution
• Connect up to 8 devices to one computer, monitor 8 scales on a single PC
• Backwards compatible with LCIC card
• Small, standalone package, easy to wire to any scale
• Calibration is stored on the device, not the computer, just plug it in and go.
• Easy to use, calibration utility and library.
• Drivers for Windows 98, Windows 2000, Windows XP Home or Professional

ScaleScope Features:

• USB plug and play, device and sensors are powered by the USB bus, no external power required
• Simple USB driver and software installation
• Simple scale calibration, multiple calibrations stored on device means you are able to use on LCIB device for several different sensors. Unlimited calibration points allowed.
• Can be used with any strain gauge based sensor
• Export graph data to MS Excel or text file
• Full data management tools built in
• Unlimited sampling times, limited only to the size of your hard drive
• Part Counting, unlimited part library
• Scoreboard support (RS-232)
• Set point support (RS-232)
• Advanced ticket editor for serial printers
• User configurable multi-channel screen
• Capture and graph multiple channels simultaneously (multiplexed, up to 2000 samples/second)
• Save and print static weighing data
• Sampling rates of 5, 10, 20, 50, 100, 200, and Max (2000) samples per second

Please note: ScaleScope is not capable of doing Weigh in Motion calculations. Weigh in Motion is a different software package.
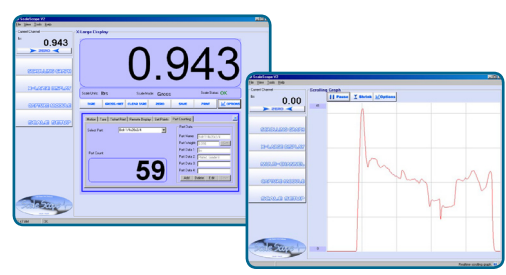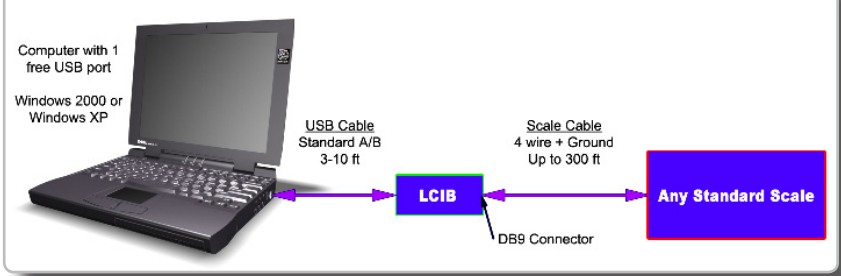
Also available is a full featured ActiveX Control to allow you to easily create your own software.

0.943

59

0.00

Standard Connection Of Scale to Computer

Computer with 1 free USB port

Windows 2000 or Windows XP

USB Cable Standard A/B 3-10 ft

Scale Cable 4 wire + Ground Up to 300 ft

LCIB

Any Standard Scale

DB9 Connector

Each LCIB comes with printed manual, software disk, and USB cable