TASC Series 3 Sizer Control Systems
Setting the standard for advanced Sizer Control.

TASC
TASC Systems Ltd - Advanced
Solutions for Horticulture

Fit a TASC Sizer Control System to your electronic or mechanical weight sizer and make your life a lot easier.

Improve your packing operation with a system that will allow you to ….

❑ **Increase your flexibility.**
  o Instantly put the fruit where you need it but don't let new technology stress you out. The easy to use keypad and display or optional Windows PC software means you and your staff will find it simple to do what you need. Detailed user manuals, built-in help screens and friendly support are there to back you up should you need it.

❑ **Lower costs / save time.**
  o Reduce the stoppages required for maintenance and setup and dramatically reduce downtime with a reliable TASC system. Identify problems easily, even ones that have dogged you for years. All systems come with a two-year warranty and have a simple swap and go serviceability.
  o A new TASC system will often pay for itself in just one season.
  o For mechanical sizers, cut changeover time by easily changing from one setup to another and move to calibrating just once a season.

❑ **Increase your accuracy.**
  o Maintain box weights for greater profitability and less repacking. Use the built-in tests to easily identify and fix weighing and mixed sizing problems.

❑ **Future proof your packhouse**
  o If the setup of your sizer changes, e.g. move or add a drop, make the changes yourself by using the built-in display to re-configure the system. Save on those expensive maintenance / service costs.
  o We don't promote change for the sake of it - some of the Sizer controllers we support have now been running for over 20 years.

❑ **Feel confident**
  o TASC Systems is a well-established, award winning company that has been providing innovative technology to both small and large packhouses in the fruit industry since 1991. We have Sizer systems in place in New Zealand, Australia, South Africa, the Pacific Islands, USA, Canada and the Caribbean that together process millions of boxes of fruit a year. The range of fruit handled includes apples, pears, stone fruit, garlic, persimmons, citrus, bulbs, mangoes, avocados, tamarillos, peppers, melons, feijoas and shellfish.

❑ **Get up and running easily**
  o TASC Sizer Controllers are truly versatile and have been fitted to many makes of sizer, including Treeways, ATI, Maki, MacDonalds, Compac, FGE, PSF, GP, KW, Lynx and FMC. Installation is easy and straight forward, allowing for a quick changeover from your previous system. Some of our customers have found this particularly valuable in emergency situations where their existing system has suddenly become un-serviceable. Being easy to install, it also means for smaller systems, packers may choose to install the system themselves.

SCS Controllers

The SCS is a modular approach to sizer control in which modules are added as required depending on the size and requirements of the sizer. A base system consists of a main SCS unit, incorporating the operator interface and main processor, as well as at least one dedicated loadcell module (LCM) to ensure the fruit weights are calculated with the highest accuracy. To fire the solenoids of the sizer, RDM or Outlet boards are then added as required. (The details of these modules are available separately). SCS systems can currently handle up to 8 lanes by 45 outlets, although increased capacity is possible if required.

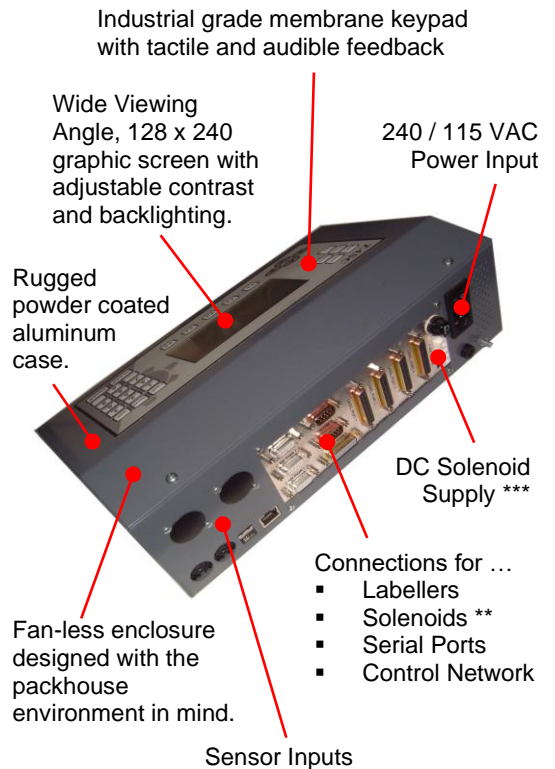**SCS   +   LCM   +   RDM**

LCS Controllers

The LCS controller is targeted for simple, low cost installations. It shares most of the hardware and software features as the larger SCS systems, but is designed as an all-in-one box for control of up to 4 lanes, 24 outlets and 4 labellers. The integrated design in which the operator interface, weighing, solenoid outputs and power supply are all contained within a single case helps the LCS achieve its low cost, high performance goal.

Both systems can use the optional TASC Powerpack software for controlling your sizer via an advanced Windows PC user interface.

Controller Details

Industrial grade membrane keypad with tactile and audible feedback

Wide Viewing Angle, 128 x 240 graphic screen with adjustable contrast and backlighting.

240 / 115 VAC Power Input

Rugged powder coated aluminum case.

DC Solenoid Supply ***

Connections for …
- Labellers
- Solenoids **
- Serial Ports
- Control Network

Fan-less enclosure designed with the packhouse environment in mind.

Sensor Inputs

**   LCS only
***   Optional for SCS

* Up to 36 user defined fruit sizes.	- specify the sizes & grades to match your exact needs.
* Flexible size delivery options.	- any size down any outlet.
* One or two sizes per outlet.	- for those times when outlets are in short supply.
* Multiple outlets of the same size.	- share sizes across multiple outlets to better cope with the high volume sizes.
* Programmable ratios per outlet.	- alter the flow of shared sizes to suit your mix of packaging or your staff.
* Selective labelling.	- connect multiple labelling heads to label the right size with the right label.
* Batching by weight or number.	- up to 999kg or 999,000 fruit per pack in 1 gram / 1 fruit increments.
* Link batching outlets easily.	- flexible operation of any number of batching outlets.
* Advanced Split Sizer Mode.	- split the sizer in two to allow you to size two different grades of fruit at once.
* Quality control outlet option.	- deliver a sample of fruit to a predetermined outlet on request.
* Library outlet option.	- for continuous collection of a size at a specified rate.
* Sampling Mode.	- allows the sampling of specific sizes at a specified rate.
* Load / Save programs.	- store up to 6 programs within the SCS for instant changes. (PC option allows for unlimited program setups)
* Colour Options.	- connect to a TASC Ellips colour and/or dimension sorter.
* Default Grade options	- split the sizer into up to 5 grades by setting the default grade for a lane.
* Individual Cup tare	- optional mode to allow individual cup weights to be tared.

For further details, contact :