

Rasco News

A DOVER COMPANY

Successful Product Launch SO2800 8-Contact-Site Handler

Rasco's latest product development, the SO2800 gravity feed handler, has been successfully evaluated at customer's site. The system has been installed at the end of last year and provided excellent results during the whole evaluation period.

All customer guidelines were completely fulfilled. Amongst others the most outstanding specification highlights were temperature test and throughput at real test time.

The SO2800 offers a unique selling point on the gravity feed handler market: 8-site handling especially for extremely small devices down to QFN 1.5 mm, TQFN down to 0.4 mm and SC70 combined with a wide temperature range from -60°C up to +175°C.

The result is a high throughput (up to 16,000 devices/hour) and short index time (<450 ms) to guarantee high productivity and thus low cost

of test, with an optimal return on investment.

Besides the standard conversion kits for all SO and QFN devices the SO2800 provides a large variety of contactors and MEMS applications. Multiple in- and output options, such as tube, bowl, metal magazine, bulk and tape&reel increase the flexibility of the handler as well.

The fully integrated Rasco Vision System for mark, 3D-lead and intape inspection is also available if required. A significant benefit for users of already existing SO2000 handlers is, that all SO2000 loader and unloader modules can be used.

The evaluation handler was configured with a QFN 4x4 conversion kit, two bowl feeders at input and bulk boxes at output.

The most outstanding highlight of the evaluation results was an excellent temperature performance at 8-site handling. ■



SO2800 8-Contact-Site Handler

SO1800 Dual RPTB Plunger

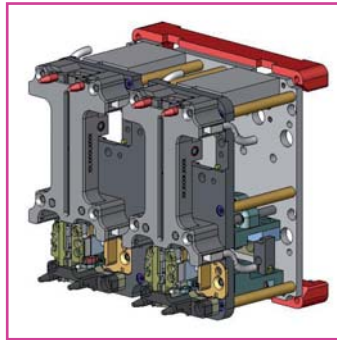
The SO1800 product performance has been enlarged by a dual Real-Plunge-To-Board Plunger, which offers various advantages, especially for quad horizontal test applications.

The principle:

The upper contact site only consists of the pre-contactsite stopper. This means a significant reduction of wear parts and thus less consumable costs. The moving parts have been reduced to a minimum. The two plungerheads are no longer required.

Customer Benefit Summary:

- Less wear parts at upper contact site
- Spare part and cost reduction of two plungerheads
- No misalignment possible at pre-contact site



SO1800 plungerhousing dual RPTB

SO2000DT QFN Plunger

The SO2000 DT Dual Temperature Handler provides 2 temperature tests in one handler.

Now the standard SO2000 QFN plunger principle is also available for the 2 dual plungers, each at the ambient and at the temperature test side.

Specification:

According to SO2000DT belly bar plunger

Customer Benefit:

Handling QFN devices in one handler at two different temperatures (ambient and hot or ambient and cold).



SO2000 Dual Temperature Handler

Semicon China 2008

From March 18 to 20 the annual Semicon China show took place in the Shanghai International Expo Centre. Rasco shared the booth with ECT this year which was a good opportunity to successfully demonstrate technological synergies within the Dover company.

Rasco introduced its field proven version of the SO2800 platform.

The overall response was very good and the feedback from many customer and other suppliers was extremely positive. Especially the high flexibility of the SO2800 was pointed out as one of its highlights besides user-friendly handling and advanced software features.



Semicon China, booth Rasco/ECT

Rasco USA

Road Show in the US office in Santa Clara from April 8...11



RascoUS completed a very successful demonstration of the new and exciting SO2800, Rasco's all new tri-temp, octal site highly configurable handler.

Eighteen customers stopped by to review the handler and discuss Rasco's SO2X00, SO1X00 and SO3000 platforms. The show resulted in the acquisition of the SO2800 line by a new customer. RascoUS would like to thank Peter Berger (Global Customer Services) and Chris Hellmuth (Director Product Engineering) for the leading role they played in this all important sales effort.

Rasco Asia

Semicon Singapore
May 5-7, 2008

Suntec Singapore International
Convention and Exhibition Centre.

Rasco will present its actual highlight, the SO2800 8-Contact-Site Handler.

You are cordially welcome to visit

Rasco on level 4,
booth #326 & 226

Rasco will also exhibit at the Semicon Taiwan from September 9...11, Taipei World Trade Centre.

NEWSFLASH

SO3000 Loader/Unloader

Performance increase: Higher stack capacity by extension of magazine height from 350 mm to 430 mm.