

# Rasco News

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## Rasco Handlers in Asia: Thailand and the „Magic 100“

„Magic or not, fact is, that Thailand marks the cornerstones of Rasco’s Handler shipments.

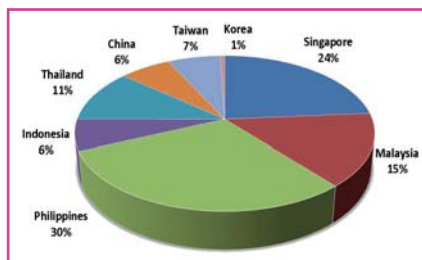
This chronology is really amazing: The very first handler Rasco delivered in 1997 was a SO1000 Ambient/ Hot Tube-to-Tube Handler ordered by one of South-East Asia’s leading electronic manufacturing service producers in Thailand.



SO1000 AH Tube-to-Tube, Rasco’s first Handler

Rasco’s handler

#100 was shipped in the year 2000. It was a SO1000 Tri-Temp-Handler and the customer was again based in Thailand. The further product development from ambient/hot to tri-temp was a milestone in the handling technology and until today the cold operation down to -60°C is a unique selling point of the Rasco handlers. In the meantime Rasco has developed a broad product platform of gravity feed and test-in-strip handlers for nearly every package type. More than 1200 handlers are currently installed worldwide. One of the important countries for Rasco in the Asian semiconductor market is Thailand.



Rasco’s installed base in Asia



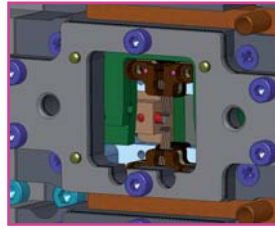
SO2000T Bowl-to-Bulk Handler

Some weeks ago the hundredth handler for Thailand left the factory. It was a SO2000 Tri-Temp Bowl-to-Bulk Handler ordered by one of Rasco’s Thai key customers. These 100 handlers now running in Thailand reflect approx. 11% of Rasco’s installed total handler base in Asia, which is a remarkable market share.

## SO2000: Temperature Accuracy +/-0.3°C

Rasco has designed a QFN2x3 Crossline-Kelvin Contactor for the SO2000 Handler which allows temperature measurement with an extremely small temperature tolerance of +/-0.3°C within a defined temperature range.

This form of temperature measurement requires a special calibration procedure. The contactor includes an additional reference sensor which is directly located at the device under test (DUT). The sensor is directly connected with the tester via tester-interface. Additionally the air supply of the contactor nozzle has been improved.



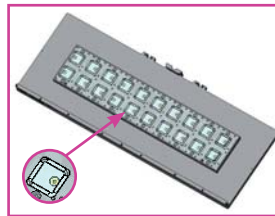
QFN X-Line Kelvin Contactor with temperature sensor

**Customer Benefit:** • Extremely high measurement accuracy of +/-0.3°C ■

## SO3000: Ceramic Lead Supports

Aside of the standard Aluminium hard coated lead supports, Rasco is now offering ceramic inlays for handling lead framed strips with the SO3000 Handler.

The ceramic material is very hard so that the uptime could be decisively improved. The ceramic inlays can be provided for all QFN, SO and PDIP strips as well.



QFN Plungerhead SO3000 with Ceramic Inlays

**Customer Benefit:**

- Higher wear resistance → Less wear parts
- Cost-of-Ownership reduction ■

## Award for Rasco

Rasco has received a „Suppliers' Appreciation Award“ from Cypress „for its significant contributions to Cypress' requirements...“, which is a remarkable appreciation of Rasco's products, service and customer support. Congratulations to all of our employees who have made their contribution to achieve this award, especially to our Philippines staff for doing an excellent job. ■



Rasco Philippines team with Cypress Award

## Semicon Taiwan 2008

Since many years Rasco is an exhibitor at the Semicon Taiwan. From September 9 to 11 Rasco presented its new SO2800 8-Contact Site Handler, which was the exclusive highlight on the booth.

The show was well attended and Rasco could welcome all its Taiwanese customers and many other visitors who were very impressed of the new product development and the high degree of innovation. ■



Rasco booth at the Semicon Taiwan

## Rasco Europe

**New Sales Manager Europe:**  
**Mathias Westenhuber**



Effective September 1, 2008 Mathias Westenhuber has been appointed Rasco's new Sales Manager Europe, replacing Willi Huber who has left Rasco end of August.

Before starting as European Sales Manager, Mathias Westenhuber has been working at Rasco's as Customer Service & Support Manager for many years, recently as Corporate Manager of Global Customer Services.

In this function he has achieved high experience and profound knowledge in the handler technology and, of course, has established a close contact to Rasco's customer base, which are both excellent qualifications for his new position as Sales Manager Europe.

From now on he will be the contact person for all our European customers, who will be directly supported as well as for our European representatives. ■

## Semicons 2009

...with Rasco's participation...

- **Semicon Shanghai/China**  
**March 17...19**
- **Semicon Singapore**  
**May 20..22**
- **Semicon Taipei/Taiwan**  
**September 30... October 2**

## NEWSFLASH

**SO3000: Test-In-Strip Handler now also available for MEMS applications.** ■