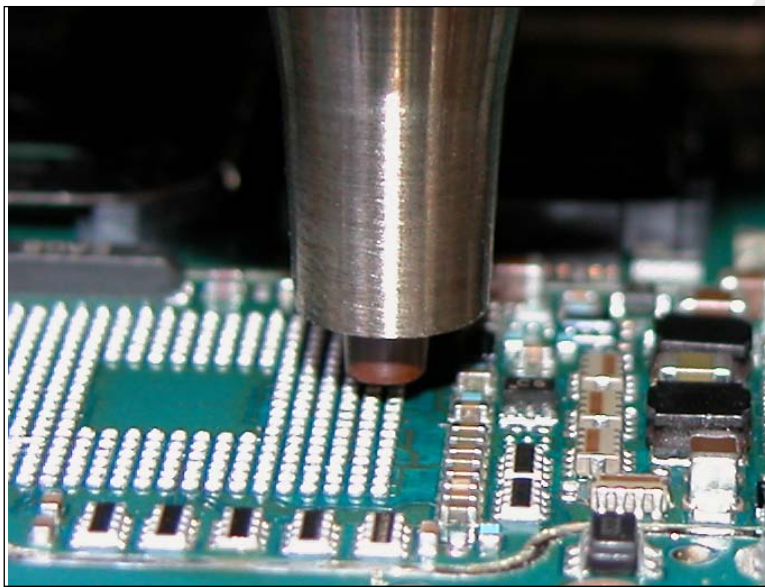


# SITE CLEANING NOZZLES



## Standard & Micro Nozzles for ONYX29 and DRS25 Systems



Completely remove residual site solder without damaging pads, or solder mask without disturbing adjacent components. Eliminate costly and difficult manual cleaning procedures. Various size heating tips can clean virtually any site.

### Hot Gas Nozzles

- Vacuum sensor automatically and continuously adjusts tip height, providing non-contact site cleaning.
- High temperature composite vacuum tip eliminates metal-to-metal contact.
- Ready-to-use site cleaning master programs for fully automated solder removal (ONYX29).

#### Standard Nozzles

For applications where space and adjacent components are not a problem.

#### Micro Nozzles

For small sites or adjacent clearance issues. Vent holes and a deflecting flange limits the hot air flow on very small sites and protects adjacent components.

### Contact Nozzles

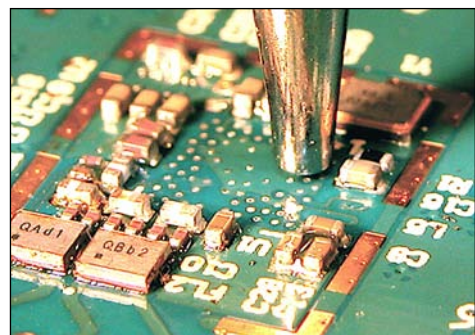
- Adjacent component heating and dislodging due to high velocity air is eliminated.
- Air is directed to the tip and out away from the area.
- The contact tip can be positioned accurately to pads of micro sites and very dense assemblies.
- Force sensing load cells control the contact force.



Standard Nozzle



Micro Nozzles

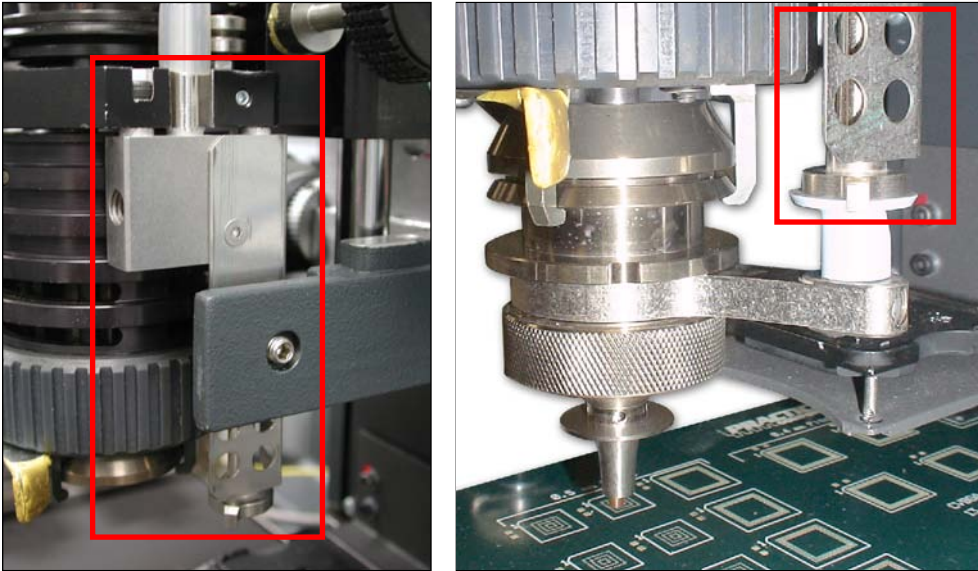


Contact Nozzle Tip

# Optional Site Cleaning Nozzle Kits for ONYX29 & DRS25

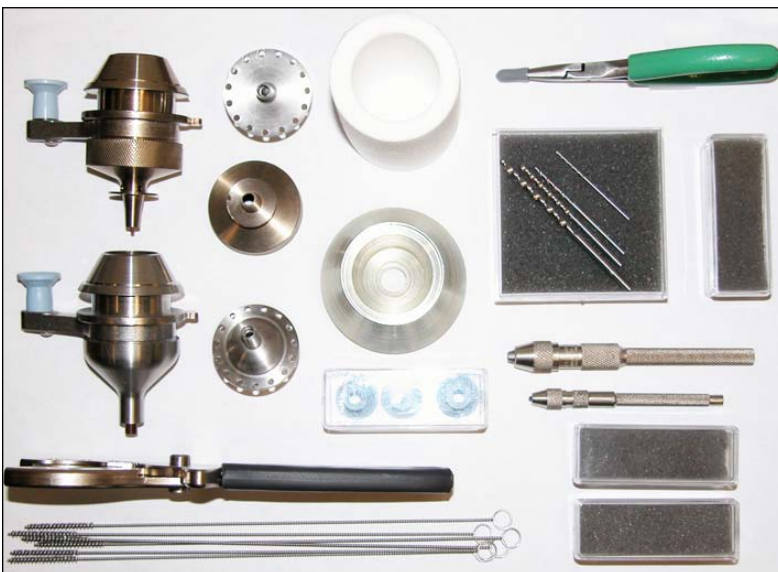
Kits include nozzles, tips, cleaning tools, instructions, spare parts and maintenance tools.

**NOTE:** Customers with the DRS25 Nozzle bracket connection shown in the photos below use ONYX Style Nozzles (see \*ONYX part numbers in Parts List below). If you do not have this bracket connection on your DRS25 then reference the DRS25 part numbers.



DRS25 Nozzle and new bracket connection (use ONYX style nozzles).

## Nozzle Kits Parts Lists



Combination ONYX Micro & Standard Nozzle Kit.

### **Single Micro Kit**

Includes nozzle, two noses (different lengths) and three tip sizes (.09 x .060), (.074 x .042) and (.05 x .025).

- \*ONYX 1015.11.014
- DRS25 1015.11.016

### **Single Standard Kit**

Includes nozzle, one nose length and two tip sizes (.188 x .125) and (.125 x .089).

- \*ONYX 1015.11.015
- DRS25 1015.11.013

### **Combination Micro & Standard Kit**

Includes both of the above.

- \*ONYX 1015.11.012
- DRS25 1015.11.017