

Lead-Free Test Kits

Lead-free soldering introduces new challenges in maintaining electronic product quality and reliability, and solderability testing is a proven quantitative method to help achieve this requirement.

In order to avoid any possible lead contamination, but to facilitate the continuing use of your MUST solderability test system, Gen3 Systems offers the "Lead-Free Bath and Globule Set" and "Lead-Free Accessories Kit".

Included in the Accessories Kit is a CD containing useful information regarding solderability testing, including the excellent NPL Good Practice Guide.

The lead-free alloy supplied is in compliance with the latest IEC 60068-2-69 revision: SAC 305: Sn 96.5/Ag 3.0/Cu 0.5 wt %. NB. SAC 387 is also available.

Lead-Free Accessories Kit comprises:

Part Number	Description
M8402-50	SMNA Flux 50 ml Jar
M8403-50	Actiec 2 Flux 50 ml Jar
M8404-50	Actiec 5 Flux 50 ml Jar
M8212	ARAX Solder Wire (1 mm dia.)
M96-200MG	200 mg Solder Pellets SAC 305 x 1000 pieces
M96-100MG	100 mg Solder Pellets SAC 305 x 1000 pieces
M96-25MG	25 mg Solder Pellets SAC 305 x 1000 pieces
M96-5MG	5 mg Solder Pellets SAC 305 x 1000 pieces
M8201	Cotton Buds x 20
M8202	Forceps/Tweezers
M8203	Dropper Bottle
M8204	Spatula (Bath Scraper)
M8210	Handling Gloves (Denim)
M8211	Allen Key (6 mm)
M8205	Beaker (100 ml)
M8206	Filter Papers

Also sold separately

Lead-Free Batch & Globule Set comprising:

Part Number	Description
M1664	4 mm Globule
M1663	3.2 mm Globule
M1662	2 mm Globule
M1666	1 mm Globule
M1661	Solder Bath
M96-BAR	1 kg Bar SAC 305 or SAC 387 Alloy

Also sold separately



As can be seen above, the comprehensive Accessories Kit includes SMNA, Actiec 2 and Actiec 5 approved fluxes and all specified solder pellets: 200 mg; 100mg, 25 mg and 5 mg.

IMPORTANT NOTE: The globule and bath set will require a Gen3 Systems trained engineer to visit the customer site and to calibrate the system for these new items. Furthermore, the lead-free versions require different calibration settings or offsets due to the different test parameters.

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