

simplified order solution



Staying on top of your production schedule, performing preventative maintenance, ordering supplies, attending meetings and so on—and then trying to squeeze in time for a quick lunch...

Face it, you're busy.

That's why we've created SOS (Simplified Order Solution), a new offering that solves the problem of having to place multiple orders to multiple vendors for things that you just always seem to need.

Panasonic has worked with assorted vendors to bring together the items you routinely need—and offer them through one source:

- Dust Sprays
- Cleaning Supplies
- Maintenance Wipes
- Swabs & Brushes
- ESD Coatings
- Lead Cutters
- Flux Dispensers

Dusters

Techspray Dusters blow away dust, microscopic contaminants, lint, metallic oxide deposits and other soils that can cause heat build up or shorts in sensitive electronics.

- Moisture Free
- Safe on Plastics
- Zero Residue
- Non-Ozone Depleting

Non-Flammable Duster

100% non-flammable
HFC-134a based duster.

- Safest Choice
- Non-Flammable

1671-10S 10 oz aerosol
1671-15S 15 oz aerosol



Vortex™ High Velocity Duster

High velocity, non-flammable dusters blast away dust and dirt. Vortex 360° (1697-8S) can be sprayed while tilted in any direction without dispensing liquid.

- Most Powerful Blast
- Non-Flammable
- Vortex 360° Sprays Upside-down

1697-8S Vortex 360° 8 oz aerosol



IPA SMT Stencil Wipes

70% IPA, 30% DI water blend for effective and economical stencil cleaning.

- Low Linting
- Convenient Packaging

1608-100DSP 100 wipes in a pop-up tub



Water-Based SMT Oven Cleaner

Cleans reflow ovens, wave soldering systems, and associated heat exchanger systems by removing all types of flux residue (e.g. water-based, RMA, no-clean, lead-free). Used for periodic preventative maintenance to keep equipment running at top performance levels. Proprietary, water-based cleaner powered by Zestron, the leading precision cleaning services provider. Ideal replacement for IPA cleaners, which are often prohibited because of safety and environmental restrictions.

- Non-Flammable
- Non-Hazardous
- Biodegradable
- Low VOC
- Mild Odor

1691-100DSP
1691-PT

1691-G

100 wipes in a pop-up tub
1 pint plastic bottle with trigger sprayer
1 gallon in plastic jug



Water-Based SMT Stencil Cleaner

Effectively remove all types of solder paste (e.g. water-based, RMA, no-clean, lead-free) and uncured adhesives from screens, misprinted boards and equipment.

Thoroughly cleaning SMT (surface mount technology) stencils, tools and equipment is an important way to reduce misprints and increase throughput. Techspray SMT stencil cleaners are designed for rigorous production requirements.

Proprietary, water-based cleaner powered by Zestron, the leading precision cleaning services provider. Ideal replacement for IPA cleaners, which are often prohibited because of safety and environmental restrictions.

- Non-Flammable
- Non-Hazardous
- Biodegradable
- Low VOC
- Mild Odor

1692-PT

1692-G



1 pint plastic bottle with trigger sprayer
1 gallon in plastic jug

AK-225 Blue Shower II Maintenance Cleaner

Non-flammable, high precision cleaner that is ideally suited for sensitive plastics often used in seals and outer casings.

- Non-Flammable
- High Precision — Residue Free
- Ideal for Sensitive Plastics
- Low VOC

1667-18S 18 oz aerosol



Glass Cleaner

Foaming, non-streaking glass, plastic, and surface cleaner.

- Foaming Action
- Non-Streaking
- Safe on Glass & Plastics
- Non-Flammable
- Non-Ozone Depleting

1625-18S 18 oz aerosol



Zero Charge Screen & Keyboard Cleaner

Removes hand oils, ink marks, dust, and other contaminants from computer equipment. With regular use, cleaner will eliminate static charge from sensitive surfaces and provide long-term static protection.

- Cleans Plastic & Glass
- Leaves ESD-Safe Coating
- Non-Streaking
- Leaves No Insulative Film
- Non-Flammable
- Non-Corrosive

1743-50PK 50 pre-saturated wipes in packets



Licron Crystal Permanent ESD-Coating

Licron Crystal™ is a revolutionary and innovative concept in permanent static dissipative coatings. Versatile, crystal clear urethane coating that adheres to metal, plastic and most other surfaces. Ideal for converting standard bumpers, bins, tools and other surfaces to ESD-safe, saving expensive replacement cost. The end result is compliant with ANSI/ESD-S20.20, which prevents static damage to sensitive electronic components.

Licron Crystal operates from 0-100% humidity. The cured coating is durable, will not chip and maintains 107-109 ohms resistivity.

Licron Crystal can be sprayed as an aerosol, or using standard spray guns or paint systems. As long as the coat is smooth and even, the finish is absolutely clear and glossy. A grounding wire can then be attached (i.e. by conductive adhesive) similar to an ESD floor.

- Crystal Clear
- Permanently Static Dissipative
- Surface Resistivity of 107-109 ohms
- Complies with ANSI/ESD-S20.20
- Humidity Independent
- Superior Adhesion to Variety of Surfaces: Glass, Plastic, etc.
- Non-Ozone Depleting

1756-8S Licron Crystal
8 oz aerosol, coats approx. 200 ft²



Zero Charge Mat & Tabletop Cleaner

Clean flux and other residues off of ESD-Safe mats and tabletops. Will not dry out surfaces (i.e. IPA) or leave insulative waxes (i.e. household cleaners).

- Rejuvenates ESD-Safe Mats
- Will Not Dry Out Surfaces
- Leaves No Insulative Film
- Non-Flammable
- No Ammonia
- Non-Corrosive

1733-QT 1 qt plastic bottle w/trigger sprayer



No-Clean Desoldering Braid

Desoldering braid (wick) is pre-fluxed copper braid that is used to remove solder, which allows components to be replaced and excess solder to be removed.

Techspray wick is available in static dissipative bobbins (identified by their blue color) for static sensitive environments. Techspray No-Clean wick is coated with proprietary flux that only leaves a slight clear residue that does not cause service issues.

Cleaning after using Techspray No-Clean wick is strictly optional. The proprietary flux formula is specially designed to avoid catastrophic and latent PCB failures caused by ionic flux residue.



1821-5F	#2 wick .055" (1.4mm)wide	5' long
1821-10F	#2 wick .055" (1.4mm)wide	10' long
1822-5F	#3 wick .075" (1.9mm)wide	5' long
1822-10F	#3 wick .075" (1.9mm)wide	10' long
1823-5F	#4 wick .098" (2.5mm)wide	5' long
1823-10F	#4 wick .098" (2.5mm)wide	10' long

Zero Charge Hand Lotion

Improves contact between personnel and grounding devices such as wrist straps and heel straps. Does not contain silicone, lanolin, and other materials found in conventional hand lotions that can interfere with PCB manufacturing. The blend of moisturizers, aloe vera, and vitamins A and E penetrate rapidly leaving skin soft without a greasy film.

- Improves Wrist and Heel Strap Contact
- Does Not Contain Silicone or Lanolin
- Non-Contaminating,
Does Not Interfere with Soldering
- Non-Greasy



1702-8FP 8 oz plastic bottle with finger pump

Techclean Wiper

General Purpose Wipe

Hydroentangled cellulose/polyester wipe with high absorbency and extra low particulate count and no chemical extractables.

- High Absorbency
- Very Low Particulate Count

2350-100 100 9"x9" c-fold wipes

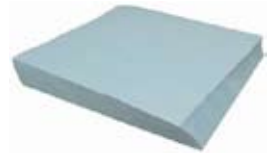


Techclean Maintenance Wipe

Hydroentangled cellulose/polyester wipe with high absorbency. Economical yet very high quality wipes are ideal for production and maintenance applications.

- High Absorbency
- Economical

2365-300 300 9"x9" (23cm x 23cm) flat wipes



Solvent Dispenser Sleeves

Permanently static dissipative solvent dispenser sleeves designed to fit standard 4, 6, and 8 oz. pump bottles. Compatible with Techspray® Techpump Bottles 1980, 1981, and 1982. Packed 10 per box.



SF-4 sleeve fits 4 oz. (118ml) dispensing bottle
SF-6 sleeve fits 6 oz. (177ml) dispensing bottle
SF-8 sleeve fits 8 oz. (237ml) dispensing bottle

Cotton Techswabs

Tightly wrapped, pre-cleaned cotton ensures the least amount of extractable contaminants.



Swab head material:	Cotton
Tip Width:	3/16"
Handle Length:	6"
Handle Material:	Wood
Swabs/bag:	1000
Part number:	2300-1000



Swab head material:	Cotton, double-sided
Tip Width:	3/16"
Handle Length:	6"
Handle Material:	Wood
Swabs/bag:	1000
Part number:	2301-1000



Swab head material:	Cotton
Tip Width:	1/8"
Handle Length:	3 1/4"
Handle Material:	Paper
Swabs/bag:	30
Part number:	2313-30

Brushes

Choose the Right Bristle Material for Your Needs:

Natural Soft, resilient and long lasting. Hog bristles are stiffer than horsehair.

ESD-Safe Prevents static build-up on brush. Ideal for dry brushing. Bristles approximately 108.



Bristle material:	Goat hair
Bristle trim:	1/8"
Brush head width:	1/16"
Brush head length:	1/8"
Handle material:	Stainless steel
Handle length:	3 1/2"
Brushes/bag:	6
Part number:	2030-1



Bristle material:	Horse Hair, 2-sided
Bristle trim:	1/2", 1/4"
Brush head width:	3/16"
Brush head length:	1/4"
Handle material:	Stainless steel
Handle length:	4 1/2"
Brushes/bag:	6
Part number:	2031-1



Bristle material:	Horse Hair, 2-sided
Bristle trim:	1/4", 3/16"
Brush head width:	3/8"
Brush head length:	1/2"
Handle material:	Zinc-plated steel
Handle length:	4 1/2"
Brushes/bag:	6
Part number:	2032-1



Bristle material:	Horse Hair
Bristle trim:	3/4"
Brush head width:	3/8"
Brush head length:	7/16"
Handle material:	Zinc-plated steel
Handle length:	4 1/2"
Brushes/bag:	6
Part number:	2033-1



Bristle material:	ESD-Safe
Bristle trim:	7/16"
Brush head width:	3/8"
Brush head length:	1 3/16"
Handle material:	Aluminum
Handle length:	6 7/16"
Brushes/bag:	6
Part number:	2061-1

Instant Lead Testing Swabs

Fast, easy-to-use method of testing components and solder joints for lead solder. Incoming components and boards, in addition to existing inventories, can be checked for RoHS compliance. This avoids mixed lead and lead-free inventories, lead contamination in RoHS compliant work areas, and potential penalties for shipping non-compliant products.

Ideal For...

- Incoming inspection of components & PCB boards
- Inspecting existing inventories
- Preventing lead contamination
- Spot checking poorly marked components



2515-N 8 Lead-Check Swabs

Lead Cutter

Flush cuts component leads as large as 18 AWG copper wire (.040"/1.0mm). Weighs 1.8oz. (51g) and is 5.15" (131mm) long.

Plato® shears have a thin profile designed for those hard-to-reach areas in electronic assembly. Assemblers love the effortless shearing action, comfort, light weight, and safety for electronics lead and wire cutting.

Platoshears use the shear cutting method (see inset), which requires 50% less operator effort and extends cutting life because they shear rather than pinch. Handles are cushioned for day long comfort, and automatically spring back to their original position after each use.

- Ergonomically designed
- Reduces fatigue
- Requires 50% less operator effort



170 Lead Cutter

Needle Flux Dispensers

Plato's new POS-A-LOC® leak proof liquid dispensers offer a convenient way to dispense precise amounts of a variety of liquids without dripping, spilling or waste.



ESD Safe "NO LEAK" Plato® Flux Bottles have all the features of our standard flux bottles and meet the requirements of ANSI (J-STD-001B).

SF-01 2 oz. ESD Safe, dispenser bottle with .010" (.25mm) needle

SF-02 2 oz. ESD Safe, dispenser bottle with .020" (.2mm) needle

**one order today,
one receipt tomorrow:
simple.**

Now, about that lunch...

