











Swab Models

Measured in Millimeters. ± 0.02

Product Name	HT1700	HT1701	HT1702	HT1712	HT1729	HT1730	HT1732	HT1748	HT1750	HT1790
										
Head Material	UltraSOLV® Foam									
Head Thickness	6.35	5.08	3.56	4.9	2.54	1.32	3.56	3.02	2.19	6.60 7.11
Head Width	11.43	5.08	4.06	5.24	3.56	3.56	3.56	3.19	2.10	12.7 7.11
Head Length	21.59	17.78	11.18	14.94	10.16	9.90	11.17	18.14	11.86	14.22 16.76
Handle Material	Polypropylene									
Handle Diameter	3.048	2.54	2.54	3.12	2.032	2.45	2.54	2.54	2.61	5.58
Handle Length	127.17	127.17	58.58	290.82	58.58	59.34	58.05	65.50	58.02	160.02
Total length	148.76	144.99	69.76	305.76	68.74	69.24	69.22	83.64	69.88	176.78
Head Bond	Thermal									
Handle Color	Blue									Black
Description	Rigid Oval Tip	Flexible, Oval Tip	Semi-Flexible Bulb Tip	12in. Rigid, Round Tip	Flexible, Paddle Tip	Thin, Flexible Paddle Tip	Rigid Round Tip	Rigid, Long Spear Tip	Rigid, SpearTip	Dual Tip: Angled & LollipopTip

Available Packaging

Tip Style	5 Swabs/Bag	50 Swabs/Bag	100 Swabs/Bag	500 Swabs/Bag
HT1700	HT1700-5			HT1700-500
HT1701	HT1701-5			HT1701-500
HT1702	HT1702-5	HT1702-50		HT1702-500
HT1712			HT1712-100	
HT1729	HT1729-5	HT1729-50		HT1729-500
HT1730				HT1730-500
HT1732	HT1732-5	HT1732-50		HT1732-500
HT1748	HT1748-5	HT1748-50		HT1748-500
HT1750	HT1750-5	HT1750-50		HT1750-500
HT1790		HT1790-50		

UltraSOLV® 1700 Series Swabs

cleaning critical surfaces

Description

UltraSOLV® 1700 Series Swabs are excellent general purpose cleaning tools for HDD components, optics, medical devices or vacuum equipment. UltraSOLV® tip construction provides good particle and residue removal with a minimum of particle transfer due to abrasion. Unique thermal bonding and cleaning process ensure a minimum of particle shedding from foam seal.

Advantages

- Excellent absorbency and fiber free construction make it a perfect replacement for cotton swabs
- High strength and abrasion resistance of UltraSOLV® foam tip minimizes particle shedding due to abrasion, common with standard foam and cotton swabs (*See pictures at right*)
- Extremely low ionic and NVR levels for HDD and optic cleaning applications
- Unique thermal bonding process ensures no adhesive residue and minimizes particle generation from seal
- Available in a variety of tip sizes for cleaning small hard-to-access components, o-ring grooves, and corners
- ESD safe tip

Cleanliness

Particles: Less than 2000, .5µ to 25 µ particles per swab

TNVR's: mg / swab

NVR (DI Water) < 0.15 NVR (IPA) < 0.40

Ionics: µg/swab

Chloride	< 0.90	Magnesium	< 0.02
Sodium	< 0.2	Sulfate	< 0.06
Fluoride	N/D	Nitrate	N/D
Bromide	N/D	Potassium	< 0.02
Calcium	< 0.02		



UltraSOLV® Tip Out-of-the Bag



Competitor A Out-of-the Bag



Competitor B Out-of-the Bag



UltraSOLV® Tip After HSA Swabbing



Comp. A After HSA Swabbing



Comp. B After HSA Swabbing