



QAQC LAB

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**REMOTE SWABBING AND MICROBIOLOGICAL SAMPLING TOOLS
(PATENTED)
& CLEANING VALIDATION COUPONS**

REMOTE SWABBING & MICROBIOLOGICAL SAMPLING TOOLS

Made of anodized aluminum (for light weight), standard tool extendible up to 10 feet with optional extensions to 25 ft, to take swab or microbiological samples from distant locations such as surfaces of large mixers, blenders, dryers, reactors, etc. without actually someone getting inside of the equipment. At the tip of this tool there is an anodized aluminum adjustable angle adapter which can be bent up to 90° in order to gain access to the location to be swabbed. Five different types of clips may be attached to the tip of the adjustable angle adapter in order to hold a swab (with or without a handle), a wipe, a microbiological sampling plate (agar plate) or a swab from a microbiological sampling tube (Swube). This tool can be completely dismantled and reassembled in a few minutes, and is sterilizable. The plastic collars inside the tool segments can be sanitized with alcohol.

An optional mirror attachment with sizes of plastic mirrors (3" x 3" and 6" x 6") and a flash light attachment are also available.



Part # 675 8011K01

Remote Swabbing / Microbiological Sampling Tool, made of anodized aluminum, extendible to 10ft (3 m), with an anodized aluminum adjustable angle adapter with one Clip () to hold a swab or a microbiological plate (such as a Rodak plate). This tool can be extended to 25 ft (7.6 m) by adding the optional set of three extensions specified below. The price also includes a PVC storage tube with screw on removable caps on both ends and wrist guard to prevent the tool from falling into the vessel.

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	<h1>Product Specification</h1>	Specification Number	675 8011K01
		Revision	01

Part No. 675 8011K01

Description TeleSwab Kit 1

Material of Construction: Pole = Aluminium
Swab Holder = 316 stainless steel & aluminium



Minimum Length: 830 mm

Maximum Length: 3200 mm

Number of Sections: 5

Weight: 810 g

Recommended Storage Conditions: Dry and ambient temperature

	<h1>Product Specification</h1>	Specification Number	675 8011K02
		Revision	01

Part No. 675 8011K02

Description TeleSwab Kit 2

Material of Construction: Pole = Aluminium
Swab Template = 304 stainless steel & PTFE



Minimum Length: 830 mm

Maximum Length: 3200 mm

Number of Sections: 5

Weight: 850 g

Recommended Storage Conditions: Dry and ambient temperature

CERTIFICATE OF CONFORMITY PROVIDED

TEFLON TEMPLATE TOOL

Is just like the tool described above except that a Teflon template holder with a Teflon template having an opening of desired dimensions is attached to it, and is used in conjunction with the swabbing tool for swabbing a pre-determined surface area. Teflon templates are available with custom-made sizes, shapes, and surface area.



Part # 675 8011K02

Teflon Template Tool, made of anodized aluminum, extendible to 10ft, with an anodized aluminum adjustable angle adapter, and a 316 SS template holder, and one Teflon template. Includes a PVC storage tube with screw on removable caps on both ends and wrist guard to prevent the tool from falling into the vessel.

ACCESSORIES

Suction Cups – are required to be used in conjunction with the swabbing tool for microbiological sampling with agar plates. 2" in diameter and individually packaged, two different types are available:

- a. Made of PVC, cannot be steam sterilized, may be sanitized with alcohol, and disposable.
- b. Made of silicone, can be steam sterilized and reusable.

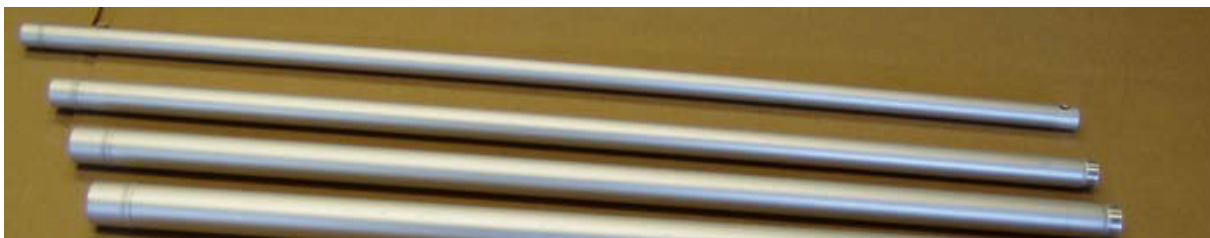


(Rodak plates are not sold by QAQC Lab)

675 SCS2 Suction Cup, made of PVC, 2" in diameter, individually packaged & non-sterilized.

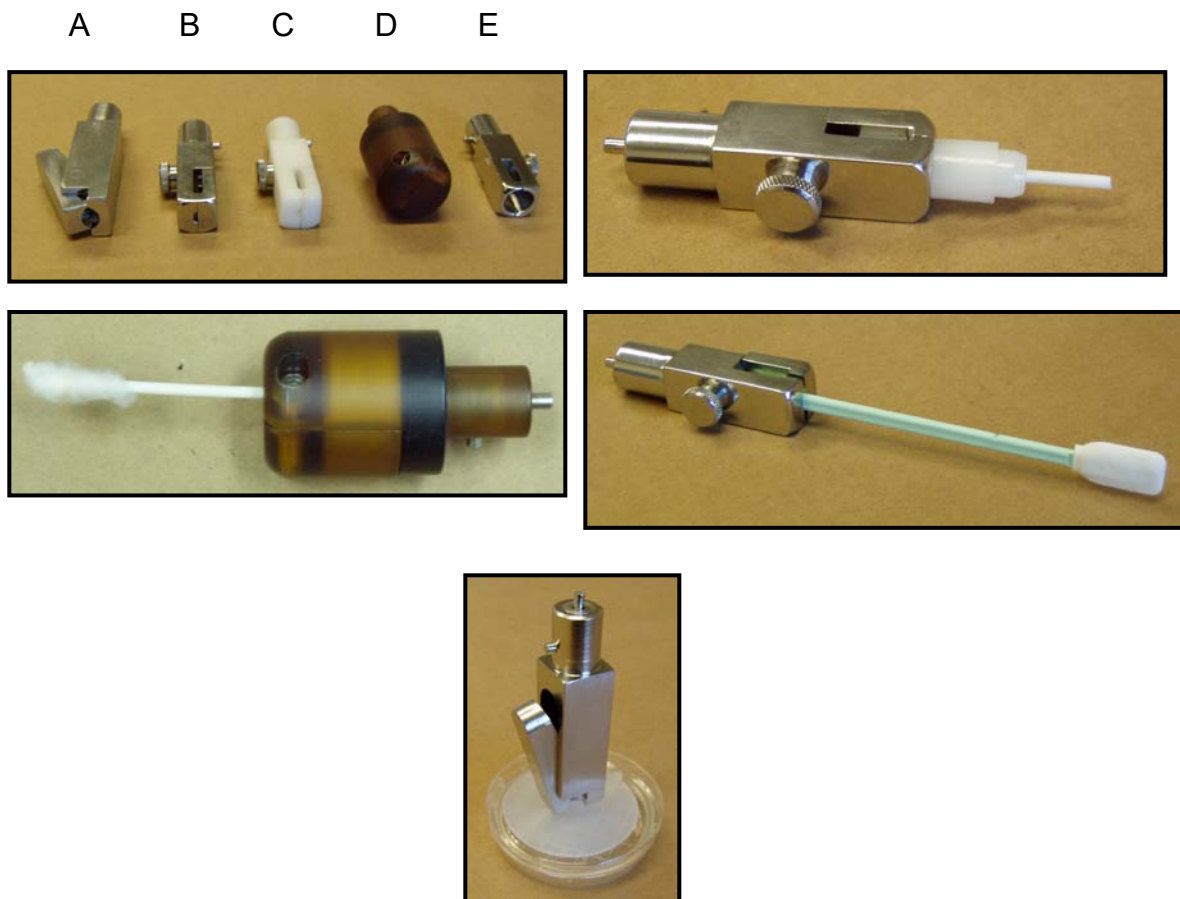
Part #: 675 RSTEXT15

Optional set of three 5ft anodized aluminum extensions, with total of 15ft length when extended.



Clips – Five different types of clips are available:

- 675 CLIPA a. Made of 316 stainless steel and electropolished for microbiological sampling using agar plates. Steam, dry heat, ETO, and gamma radiation sterilizable.
- 675 CLIPB b. Made of 316 stainless steel and electropolished for swab sampling using swabs with or without handles, filter paper, or wipes. Especially suitable for Texwipe Alpha Swabs TX761 and TX714A (available from VWR Scientific). Steam, dry heat, ETO and gamma radiation sterilizable.
- 675 CLIP C c. Made of FDA approved white plastic, for same application as described in (b) above. May be sanitized with alcohol, but not sterilizable. Designed to avoid scratching the surface being swabbed.
- 675 CLIP D d. Made of an FDA approved amber colored special plastic, for microbiological sampling using swabs from microbiological tubes (Swubes). Steam, dry heat, ETO, and gamma radiation sterilizable.
- 675 CLIP E e. Made of 316 stainless steel, for microbiological sampling using Culture Swab from DIFCO Laboratories.



Adjustable Angle Adapter – Made of anodized aluminum, this part accepts all the clips described above. Angle can be adjusted to 90°.

675 RSTAAA



Teflon Template Holder – Made of 316 stainless steel. Used with the Teflon template tool to hold the template.

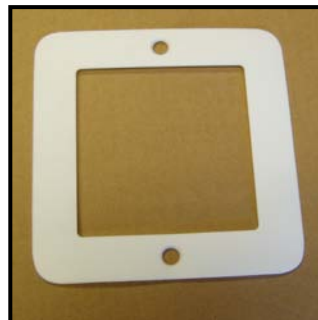
675 RSTTTH



Teflon Template – Made of Teflon, 6" x 6" external dimensions, with an opening of desired dimensions.



(5cm x 5cm) - Part #: 675 TT2X2



(10cm x 10cm)- Part #: 675 TT4X4

Aluminum Clutches & Plastic Collars – Aluminum clutches to provide grip between the segments of the tool



Complete set of replacement plastic collars and aluminum clutches for each segment on standard RST-10

Part #: 675 RST10PCACSet

Mirrors: To be able to see underneath a surface while swabbing or inspecting. 3" x 3" and 6" x 6" sizes are available.

Mirror attachment including one large plastic mirror, adjustable angle mirror adapter, 8" long aluminum tube, plastic collar to attach the mirror assembly to the main tool, to be able to view the underside surface of the object being swabbed. Contains a rubber gasket around the mirror to prevent any chipping.

Part #: 675 MA6X6 6" x 6"

Part #: 675 MA3X3 3" x 3"



Flash Light: To be able to illuminate the surface being swabbed. Light weight, LED. 675 RSTFL Flashlight attachment with one light weight, powerful LED flashlight.



Mirror and Flash Light Attachments - Mirror attachment assembly includes the mirror with adapter, plastic collar and 8" long aluminum tube. Flash light attachment assembly includes the flash light and the plastic collar.



Ball Spring Pin – To lock the adapters on to the tool



Hand Grip – To prevent the tool from slipping from the hand.

Part #: 675 RSTWG

Wrist guard (to prevent the swabbing tool from falling into tank)



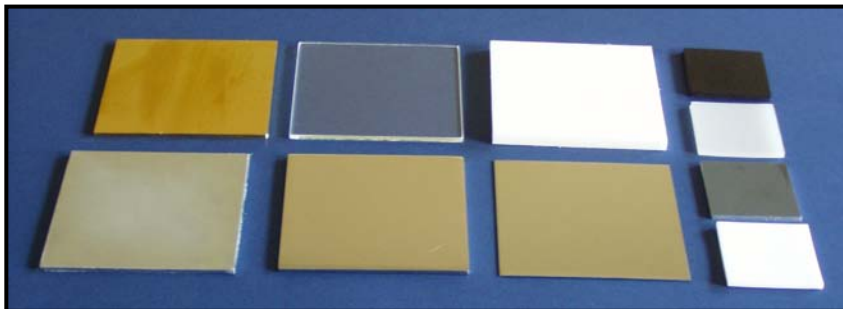
End Cap – To cap the open end of the tool, plastic, black or white.



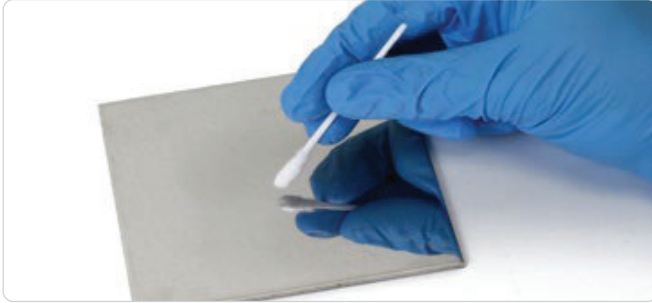
CLEANING VALIDATION COUPONS

Cleaning validation coupons are used in the laboratory to validate a proposed swabbing method before using that method on the actual surface, which is the subject of cleaning validation. For example, if your proposed method for swabbing involves a solvent, say methanol, how do you know if that solvent and the swabbing technique you are going to use will actually recover the residue from the surface? In order to determine the efficiency of your swabbing method in recovering the residue, a cleaning validation coupon, matching the material of construction and the finish of the subject surface, is spiked with known amount of a solution of the residue of known concentration, dried, and swabbed with your proposed swabbing method and the swab analyzed for the residue. If the recovery of the residue is within acceptable limits, then you can proceed to do the swabbing on the subject surface.

QAQC Lab offers coupons made of several different materials with different finishes, such as 316 stainless steel, 304 stainless steel, aluminum, brass, bronze, a variety of plastics and rubbers, etc. Standard dimensions of the coupons are 1/8" x 2" x 2" and 1/8" x 4" x 4". However, custom-made coupons are also available.



Cleaning Coupons (Reusable)



QAQC LAB
www.qcrlabequipment.com



- Test and validate your cleaning regime with our range of Cleaning Coupons
- Available in all popular materials and various sizes
- Custom made coupons available on request

Metal

Part No.	Material	Size
675 8644AL50	Aluminium (bright polish)	50 x 50mm
675 8644AL100	Aluminium (bright polish)	100 x 100mm
675 8644S450S	304 stainless (satin finish)	50 x 50mm
675 8644S4100S	304 stainless (satin finish)	100 x 100mm
675 8644S450B	304 stainless (bright polish)	50 x 50mm
675 8644S4100B	304 stainless (bright polish)	100 x 100mm
675 8644S650S	316L stainless (satin finish)	50 x 50mm
675 8644S6100S	316L stainless (satin polish)	100 x 100mm
675 8644S650B	316L stainless (bright finish)	50 x 50mm
675 8644S6100B	316L stainless (bright polish)	100 x 100mm

Satin finish is similar to 240 grit (Ra < 1 micron).
Bright polish is Ra < 0.2 microns

Non-metal

Part No.	Material	Size
675 8644AB50	Borosilicate Glass	50 x 50mm
675 8644AB100	Borosilicate Glass	100 x 100mm
675 8644H50	HDPE	50 x 50mm
675 8644H100	HDPE	100 x 100mm
675 8644N50	Nylon	50 x 50mm
675 8644N100	Nylon	100 x 100mm
675 8644PP50	PP (polypropylene)	50 x 50mm
675 8644PP100	PP (polypropylene)	100 x 100mm
675 8644PVC50	PVC	50 x 50mm
675 8644PVC100	PVC	100 x 100mm
675 8644SIL50	Silicone	50 x 50mm
675 8644SIL100	Silicone	100 x 100mm
675 8644T50	PTFE	50 x 50mm
675 8644T100	PTFE	100 x 100mm
675 8644E50	EPDM	50 x 50mm
675 8644E100	EPDM	100 x 100mm

Accessories

Cleaning Coupons (Disposable)

Our Disposable Cleaning Coupons are manufactured and bagged in a Cleanroom. They are designed to be used straight from the bag and so will help to give a true representation of cleaning protocols.

Available in a range of different polymers and in two sizes.

- Manufactured and packed in a Cleanroom
- Individually Bagged
- Available sterile or non-sterile
- Full Batch Traceability



Part No.	Nominal Dimensions	Material	Sterile	Pack Quantity
675 8352H50	50 x 50mm	HDPE	No	50
675 8352H50S	50 x 50mm	HDPE	Yes	50
675 8352H100	100 x 100mm	HDPE	No	50
675 8352H100S	100 x 100mm	HDPE	Yes	50
675 8352PP50	50 x 50mm	Polypropylene	No	50
675 8352PP50S	50 x 50mm	Polypropylene	Yes	50
675 8352PP100	100 x 100mm	Polypropylene	No	50
675 8352PP100S	100 x 100mm	Polypropylene	Yes	50
675 8352PS50	50 x 50mm	Polystyrene	No	50
675 8352PS50S	50 x 50mm	Polystyrene	Yes	50
675 8352PS100	100 x 100mm	Polystyrene	No	50
675 8352PS100S	100 x 100mm	Polystyrene	Yes	50

Part No.	Nominal Dimensions	Material	Sterile	Pack Quantity
675 8352N50	50 x 50mm	Nylon	No	50
675 8352N50S	50 x 50mm	Nylon	Yes	50
675 8352N100	100 x 100mm	Nylon	No	50
675 8352N100S	100 x 100mm	Nylon	Yes	50
675 8352PVC50	50 x 50mm	PVC	No	50
675 8352PVC50S	50 x 50mm	PVC	Yes	50
675 8352PVC100	100 x 100mm	PVC	No	50
675 8352PVC100S	100 x 100mm	PVC	Yes	50