



ALL IN ONE

TQC Sheen Washability Tester

Get the best experience!

Designed to assess the performance of cleaning agents, the washability tester mimics manual handdish & hard-surface cleaning movements in a standardized way. The device is fully functional in combination with ready-to-use CFT tiles.

INTRODUCTION

The Scrub Abrasion and Washability Tester is used to test cleaning, the resistance of paint, varnish or coatings to scratching, wearing, and colour loss due to wet or dry abrasion, by simulating everyday wear from cleaning actions or general use.

Weights can be added to the 4 scrub heads to give a weight loading/pressure between 300g and 1000g. This machine is clearly an replacement and improvement over the 'old' Sheen 903PG.

The Scrub Abrasion and Washability Tester is driven by a micro-step controlled electromotor which allows precise and steady speed and sinuswave form control. Operation is intuitive by means of a jog-dial switch and a multi-lingual operating menu on a large illuminated display.

Operating is very easy with the Triple i operating interface. This unique system guides the operator through the interface of TQC Sheen lab-machines. At each step of the multilingual operating menu the interface detects which buttons are active and indicates these by means of an illuminated red centre. This results in a very intuitive operating system which is enhanced with information on the machine's display.

The combination of the TQC Sheen Washability Tester and ready to use CFT testmaterials allows you to test the effects of liquid handdish & Hard Surface cleaning detergents in a standardized way. The TQC Sheen Washability tester mimics the cleaning movements without any operator dependance. By adding weight you can even mimic the manual pressure.

For our Handdish method we use a TQC Sheen Washability Tester, with the following features:

- Four scrubbing heads.
- Possibility to add weights for extra pressure.
- Multiple speed strokes.
- Pre-settings for industrial standards or your own
- Internal standard.
- Ability to fit 2 CFT Dishwash Monitors simultaneously.

The TQC Sheen Washability Tester

- Preset range option
- Easy intuitive operating interface with Triple iControl (Intelligent Illumination Interface)
- Full color display
- Easy to update software
- Manual movement
- Compatible with a large range of accessories

The CFT setup TQC Sheen Washability Tester includes:

- 24V adapter + Power Cable
- 2x CFT Clamps
- 2x CFT inlays
- 4x Holders
- 2x trays
- 3x4 weights (4x60g, 4x100g, 4x300g)
- 20x CFT sponges
- 2x Fluid containers
- Tubing
- Pumping system
- Manual



THE TQC SHEEN WITH CFT TILES

CFT Ready-to-use dishwash tiles

This method is for Handdish & Hard surface Cleaning testing with ready-to-us tiles. CFT offers a wide range of ready to used tiles.

A selection of our ready-to-use tiles:

CFT- Testmaterials for hard surface cleaning tests							Recommended CFT-TQC Settings				
	Description	Melamine	Ceramic	Glass	Stainless steel	Technical porcelain	Plastic	Cycles	Speed cycles / min	Length in mm	Application Method
Lasagne Bolognese	DM-01					DT-01		15	20	200	ABS
Shepherd's pie, baked	DM-03					DT-03		80	20	200	ABS
Carbonara sauce	DM-04			DG-04	DS-04	DT-04		15	20	200	SOAK
Cheese, baked	DM-06					DT-06	DP-06	100	20	200	ABS
Crème brûlée	DM-10			DG-10		DT-10	DP-10	2	20	200	ABS
Egg Yolk	DM-21			DG-21	DS-21	DT-21		25	20	200	ABS
Boiled egg yolk (IKW)	DM-25					DT-25		20	20	200	ABS
Highly discriminative soap scum			DC-30 (BC)	DG-30	DS-30			2	40	200	SUB
Egg Yolk with Milk	DM-31			DG-31	DS-31	DT-31	DP-31	25	20	200	ABS
Egg yolk with milk, double soil load	DM-32			DG-32	DS-32	DT-32	DP-32	25	20	200	ABS
All-purpose cleaner soil (IKW)	DM-40				DS-40	DT-40		10	20	200	AC
Corn Oil					DS-50			5	20	200	AS
Oatmeal	DM-53							40	20	200	ABS
Oatmeal, coloured with chocolate	DM-54					DT-54	DP-54	5	20	200	ABS
Greasy soil (IKW)					DS-55	DT-55		5	20	200	AS
Calcium stearate (IKW)			DC-57					25	40	200	AS
Corn Starch	DM-76			DG-76	DS-76	DT-76		25	20	200	ABS
Mixed (corn/rice) starch, coloured	DM-77			DG-77	DS-77	DT-77		15	20	200	SOAK
Discriminative hydrophobic windscreen soil				DG-85				1	20	200	AS
Minced meat	DM-91					DT-91		100	20	200	ABS
All-purpose cleaner soil (IKW)	DM-178				DS-178	DT-178		10	20	200	ABS

*BC= black ceramic

*IKW = based on IKW protocol

Application Methods:

ABS Absorption of detergent in sponge

AC Applying detergent on cloth

AS Applying detergent on substrate

SOAK Soak tile in detergent solution

CFT offers many more ready-to-use tiles. For more information about the CFT tiles, please do not hesitate to contact us.

TECHNICAL DETAILS

Technical Data

Traverse speed: 1 - 60 cycles per minute

Traverse speed accuracy: + / - 1% of set speed

Stroke length: 20 - 300 mm / 0.39 - 11.81 in

Stroke length accuracy: + / - 0.01 mm

Pump flow rate: 0.0 - 3.0 ml per minute / 0.0 - 0.79 GPH

Max. panel width: 70 mm / 2.76 in

Max. panel length: 350 mm / 13.78 in

Max. panel height: 35 mm / 1.38 in

Dimensions and Weight

Depth: 490 mm / 19.3 in

Depth with pumps: 530 mm / 20.87 in

Width: 640 mm / 25.2 in

Height: 235 mm / 9.24 in

Mass: 30 - 35 kg / 66.14 - 77.16 lbs
(depending on model)

Basic Unit

Power Supply: 24 VDC / 100 - 240 V / 50 - 60 Hz

Power consumption: max. 90 Watt

Display: 480 x 272 pixel TFT display

Control: 5-key navigation switch

(Mouse Keyboard optional)

Menu languages: English, Spanish, Chinese, Polish,
German, French, Italian,

Japanese, Russian, Turkish



ALL IN ONE

TQC Sheen Washability Tester

Get the new experience!

ACCESSOIRES

A variety of tests are possible, with just small modifications to make the device suitable for other tests. This modular system significantly decreases the costs for laboratories to comply to many standards.

Some of the most used accessoires:

EXCLUSIVE CFT-CLAMP



Clamp with adjustable bars
Usable for tiles that are slightly bent.

CFT-SPRAYING CABIN



Spraying cabin for applying detergents in hard surface cleaning tests.

DM DRYING RACK



Drying rack for washed DM, DG DS and DP tiles.
Space for 25 tiles.

TQC DRYING RACK



Drying rack for washed DM, DG DS and DP tiles.
Space for 18 tiles.

TQC-CAMERA



Camera to capture images of the cleaning performance of the TQC-Sheen. Including suitcase for transportation.

NEW!

CFT- WINDOW WIPER



Wiper, specially designed for automotive industry.

CFT-CLOTH HOLDER



Cloth holder to use any cloth with a scrub tester - pack of 4pcs.

CFT-SPONGE



Standardized sponge specially developed for the TQC-SHEEN. Standardized height, thickness en elasticity. Available per pack of 24 pcs.

CFT-CLOTH



Cloth used in IKW recommendation for the quality assessment of the product performance of all-purpose cleaners - 8x12 cm cloth.