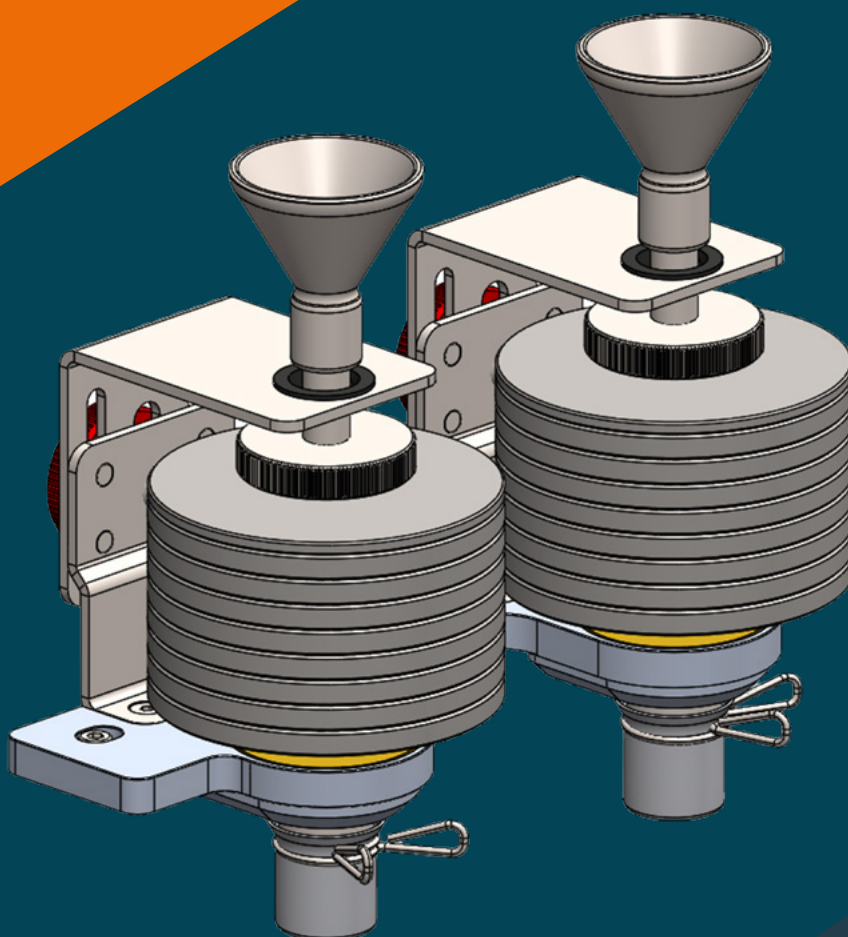




TQC Sheen MEK Tester Pro Accessory

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Fully compatible with our TQC Sheen Scrub Abrasion & Washability Tester, the MEK Tester Pro Accessory allows users in R&D, quality control and product development to evaluate the chemical resistance, durability and performance of their coatings.

Take your coating durability evaluations to the next level with the MEK Tester Pro Accessory, a fully compatible accessory for the Scrub Abrasion & Washability Tester. Designed for accuracy and versatility, this tool enables laboratories and production teams to perform standardized MEK double rub tests – a critical method for assessing the degree of cure and solvent resistance of coatings under real-world conditions.

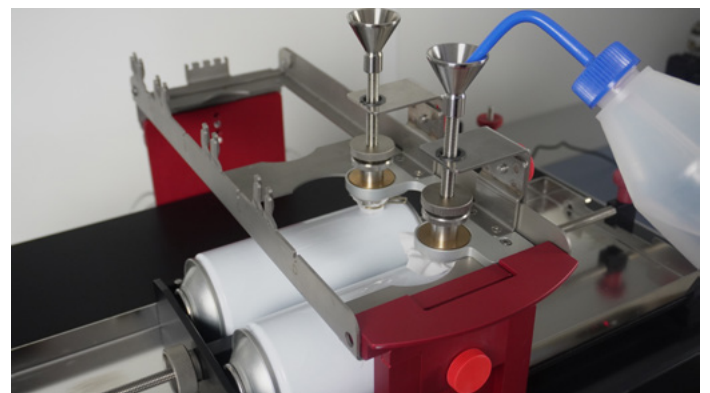
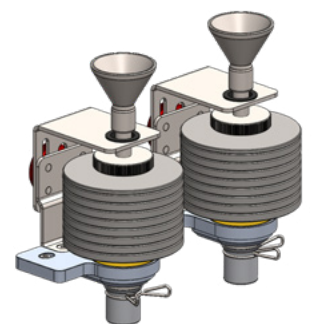
Whether you're testing coatings on metal, Inks, paint and coatings, composite containers, adhesives, aluminium, pigments, steel or tinplate, this MEK Tester ensures accurate, repeatable results for chemical, solvent, and liquid resistance.

Why choose the MEK Tester Pro Accessory?

- **Integrated Compatibility:**
Works seamlessly with the Scrub Abrasion & Washability Tester for a streamlined workflow.
- **Versatile Testing:**
When paired with the Can Holder accessory, it securely accommodates cylindrical samples like cans, tubes, and composite containers.
- **Reliable Results:**
Delivers consistent contact and reproducible outcomes for solvent, chemical, and liquid resistance evaluations.
- **Efficiency:**
Combines washability, scrub, and MEK testing in one setup, reducing handling errors and saving time.

Technical Specification:

Materials	Metal, Inks, paint and coatings, composite containers, adhesives, aluminium, pigments, steel, tinplate
Total Funnel Capacity	2 ml when filled to 10 mm under top of funnel
Test Finger Diameter	16 mm
Allowed Solvents	MEK, (acetyl) acetone, acetylene, isopropyl alcohol, methanol, water. Do not use corrosive solutions
Weight	608 g
Dimensions	(L) 160 mm x (W) 74 mm x (H) 136 mm



How does the MEK Tester work?

The MEK (Methyl Ethyl Ketone) test is widely recognized in the coatings industry for determining how well a coating resists chemical attack and abrasion. It is also commonly used to assess curing behavior by measuring a coating's resistance to solvent exposure.

MEK is a powerful solvent that interacts with polymer systems by challenging the cross-linked structure of a cured coating. In many coatings – such as polyurethane systems – proper curing results in a tightly cross-linked polymer network. When exposed to MEK, insufficiently cured coatings will swell, soften, or degrade, while fully cured coatings remain intact. This principle underpins standardized methods such as ASTM D4752, which uses MEK resistance to evaluate the degree of cure.

With the MEK Tester, simply attach it to the Scrub Abrasion & Washability Tester and begin your test. Users fill the MEK Tester with MEK solvent and this soaks into the attached cloth. The MEK-soaked cloth rubs back and forth across the coated surface using the precise, motorized Scrub Abrasion & Washability tester.

Users can measure the number of rubs against their sample and evaluate any visible damage or wear occurred. The higher the number of rubs mean indicates a superior curing and durability of the coating, which makes this test essential for quality control and product development.

Disclaimer

The information contained in this document is liable to modification from time to time in the light of experience and our policy of continuous product development. Check the Industrial Physics website for the latest version.

Benefits:

- Works seamlessly with the Scrub Abrasion & Washability Tester for integrated testing
- Performs industry-recognized MEK double rub tests to assess cure and solvent resistance
- When paired with the Can Holder Accessory, accommodates cylindrical and round samples such as cans, tubes, and composite containers
- Precision & Repeatability: Ensures consistent contact and reproducible results for solvent, chemical, and liquid resistance evaluations
- Combines washability, scrub, and MEK testing in one setup, reducing handling errors and saving time
- Motorized Operation: Uses the Scrub Tester's precise, automated motion for accurate and controlled testing
- Provides measurable, repeatable data for curing quality and coating resistance, ensuring compliance with ASTM standards
- Eliminates the need for multiple devices by integrating multiple tests into one system
- Helps R&D and production teams meet stringent durability standards for metal packaging, industrial containers, and specialty applications

Ordering Information:

Article Number	Article Description
AB6450	TQC Sheen MEK Tester Pro Accessory

Optional Accessories

AB6015	TQC Sheen Camera Tool
AB5228/AB6355	TQC Sheen Can Holder

Contact Details

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