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### **STABLE MICRO SYSTEMS PROMISES A POLISHED FINISH AT INCOSMETICS**

*Stable Micro Systems, stand EE51, InCosmetics, London, UK, 2 – 4 April 2017*

World leader in texture analysis, Stable Micro Systems, is to launch its new Nail Polish Adhesion Rig at InCosmetics in April – the latest addition to its broad offering for cosmetic and skincare manufacturers. Forecast to grow at a CAGR of nearly 7% to 2021, polish is a star performer within the nailcare category, and “fast drying” is a property increasingly sought by demanding consumers who are spoilt for choice. The Nail Polish Adhesion Rig enables formulators to measure drying time accurately, so helping identify the ingredients that will give a flawless, smudge-free finish. Nail polish is poured into a 20cm channel to a depth of 0.5mm and subjected to ten successive adhesive tests. The adhesiveness of each sample clearly shows how quickly and thoroughly the polish dries.

Alongside this new innovation, Stable Micro Systems will also present a wide range of probes, attachments and test methods for many more cosmetic and personal care applications. For raw materials or end products in powder form, the renowned Powder Flow Analyser can conduct a large number of tests to gauge important powder properties such as cohesion, caking and flow. Honing these parameters can boost production efficiency, reduce rejects and waste and improve the consumer’s experience of using a product.

In addition, the TA.XTPlus can evaluate the characteristics of eye pencils (hardness), lipsticks (break strength and hardness) and eyeshadow powders (hardness and consistency). Semi-solid skincare and hair care products can be assessed with an extrusion rig to quantify their consistency. As well as understanding the textural profiles of ingredients, semi-finished and finished products, Stable Micro Systems can now also assess their efficacy. Examples include a hair combing rig, which evaluates how “combable” hair is after the application of conditioners containing different ingredients.

The final aspect of Stable Micro Systems' offering for personal care producers is a selection of packaging rigs and attachments. These include the sachet / tube extrusion rig, which shows how easily creams and gels can be pushed out of their packs, and cylinder probes for testing actuation force in aerosols, pumps, dispensers and foamers.

Visitors can view these instruments in action on stand EE51, where technical and applications experts will be on hand to discuss individual requirements.

**ENDS**

**Editor's note:**

Stable Micro Systems is a leading designer and manufacturer of texture analysis equipment. These instruments are already used in laboratories worldwide for testing in cosmetics, personal care, packaging, food, pharmaceuticals, paints and coatings and other manufacturing industries.

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