



# SUT FINISHER

Aceton-free:

## SUT FINISHER

**SMOOTHING OF ABS & ABS+ 3D-PRINTS**  
**FAST | CLEAN | RELIABLE | ECONOMICAL**



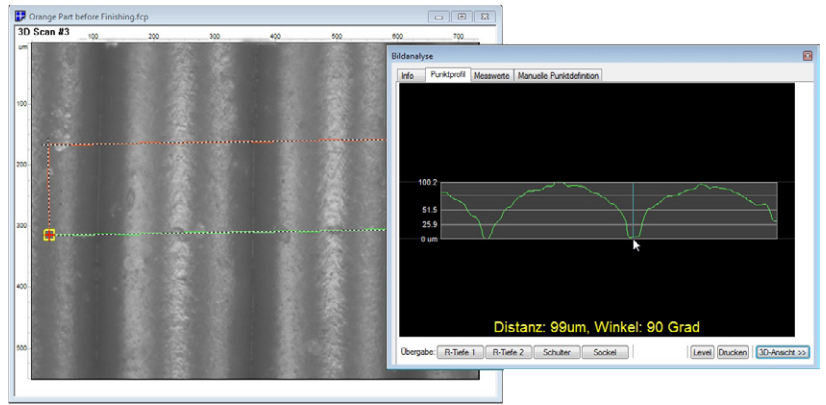
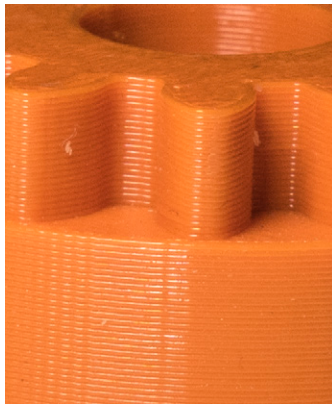
Our **SUT FINISHER** is a development of Schmitt Ultraschalltechnik and our chemistry supplier BCD. It is available as spray and as a liquid for dipping the parts. The Finisher eliminates the discomfort, normally arising when using Acetone to smoothen the surfaces of ABS and ABS+ 3D prints. The parts can be lightly sprayed or completely dipped into the liquid, which dissolves the top surface and achieves the desired smoothing.

To prevent multiple spray or dipping applications we recommend to slightly grind the print level structures using abrasive paper. After applying the SUT finisher the parts merely need to dry. The drying time is approximately 2 hours.



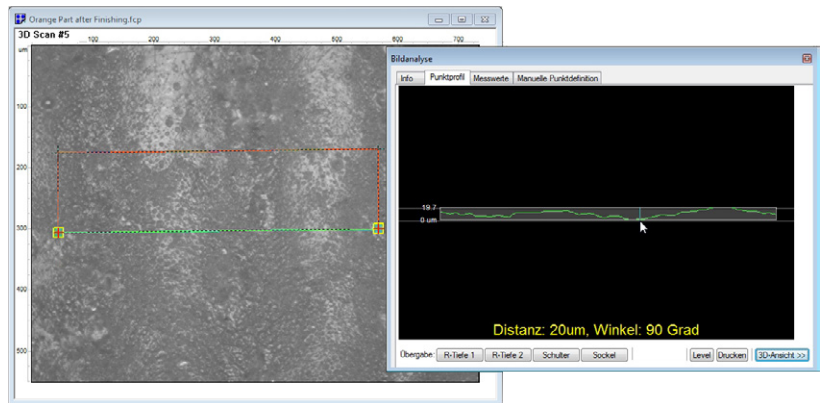
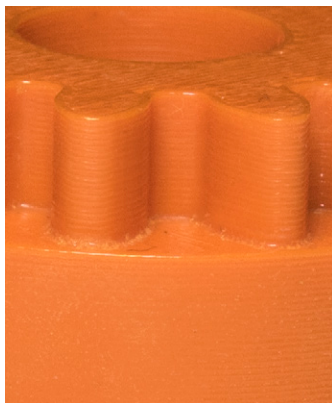
### View before Finishing

3D-Scan analysis of the top surface of an ABS print before applying the Finisher. The layer structure is clearly visible and has a maximum depth of approx. 100  $\mu\text{m}$ .

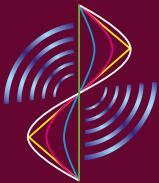


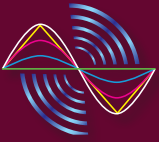
### View after Finishing

3D-Scan analysis of the top surface of an ABS print after the first Finisher application. The layer structure is almost completely smoothed and now shows a maximum depth of just approx. 20  $\mu\text{m}$ .



SCHMITT <sup>hqm</sup>  
ULTRASCHALLTECHNIK





## USING THE SUT-FINISHER AS GLUE

The SUT-Finisher can be used to glue parts together. As the surface is partly dissolved, it is basically a „cold welding“ of the parts.



As a matter of course the operator needs to follow the **SUT-FINISHER** safety instructions which are described in detail in the corresponding MSDS. Please read the instructions carefully !

### 3D-PRINT SUPPORT REMOVAL SYSTEMS FROM SCHMITT ULTRASCHALLTECHNIK:

- FDM-CLEAN 3D** for removing FDM support materials
- POLY-CLEAN 3D** for removing Polyjet support materials
- SLA-CLEAN 3D** for cleaning SLA prints (Removal of resin residues)
- WAX-CLEAN 3D** for removing wax based support materials

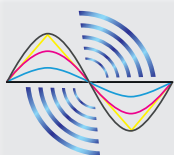
#### ABOUT THE MANUFACTURER

**Schmitt Ultraschalltechnik GmbH** serves several industry markets with special solutions for ultrasonic cleaning of miscellaneous materials and products. Besides the industrial cleaning solutions Schmitt also offers solutions for the leisure and sports markets (*specialised on cleaning plastic products – see web site for further information*).

#### CUSTOMISED MANUFACTURING

We offer to manufacture our systems to your specific needs. Tell us the required size and performance and we will send you a corresponding quotation. We can also help you to dimension the required system.

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