

Description

This HSG accessory enables you to quickly determine the strength of sealing seams immediately after heat sealing. This user-friendly accessory can be quickly attached together with special sealing jaws. To optimise the speed of the process, you may wish to produce exact samples with our Strip Cutter (STR).

Immediately after sealing the two sealed samples are dropped on a wedge by means of a floating weight (50 to 425 g) to split the hot seal seam. Due to the direct dependency between the Hot-Tack properties and the length of the splitted sealing, you can determine the sample's Hot-Tack at the given sealing parameters. So you can quickly and reliably identify the optimum sealing parameters for the best Hot-Tack properties.

An optional Microsoft® Access based Software enables you to document your test results together with the currently set sealing parameters.

Features

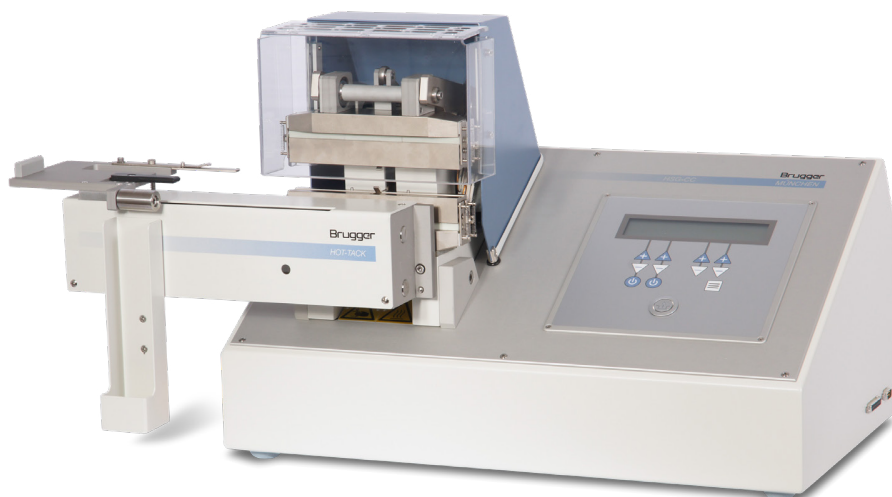
- **Reliable Quality Control:** The Hot Tack accessory allows for a reliable QA process for the hot sealed seam, according to the DIN 55 571-1:2014-3 standard.
- **Quick determination of the appropriate sealing parameters:** Using the Hot Tack in combination with the Heat-Sealing Machine, you can quickly determine the suitable sealing parameters for any common film type.
- **Cost-effective:** Our method for checking the Hot Tack behaviour is a very cost-effective alternative to the expensive ASTM method.
- **Simple fitting:** The Hot Tack can be mounted to the HSG-CC in no time - even if you purchase it after the HSG-CC installation.
- **Suitable for all HSG models:** Even older models of the HSG type heat-sealing machines can be re-fitted for the Hot Tack.
- **Simple testing and evaluation procedures:** As soon as the specimen is positioned, the sealing procedure initiates. For evaluation, simply use a slide gauge.
- **Good reproducibility of the test results:** The automation of the test process makes sure the result are always reliable.
- **Real-life testing conditions:** The special construction of the Hot Tack device simulates a stressing procedure close to real-life conditions.

Specifications

Test method	Qualitative determination of the Hot Tack properties by dropping the freshly sealed seam on a split mandrel using a falling weight
Set of weights	50g up to 425g
Sealing Jaws	40 mm x 20 mm, teflonised
Test strips	15 mm width, length < 250 mm
Dimensions	40 x 18 x 25 cm
Weight	4,5 kg
Storage temperature	0°C - 50°C
Working temperature	15°C - 35°C
Relative humidity	max. 80%, non-condensing
Hot Tack connection	via internal HSG treadle
Standard	DIN 55571-1, Hot-Tack - Part 1: Position measuring devices

Optional accessories

- **PC software**
for documentation
- **Strip Cutter STR** for the
preparation of the specimens



Strip Cutter STR

Typical application

This test enables you to determine the exact Hot Tack properties of various materials with a minimum of effort. This accessory is indispensable for efficient QA procedures during production as well as for the determination of the appropriate sealing parameters during development.