TRUSPRAY®

The TRUSPRAY® aerosol system needs much less propellant, is much more efficient and is for the first time able to spray concentrates or gels with optimized flow rates.

The TRUSPRAY® aerosol system allows the application of difficult to disperse products, e.g. waxes, lotions, gels and other highly concentrated media for flow rates of 1g / 10sec. upwards. This makes aerosol packs more efficient and allows downsizing of the cans. With this system not only existing markets can be delivered with better products but also new fields of applications are open.

Main features:  
- Spraying of viscous substances with optimized flow rates.  
- Greater spectrum of products and applications: concentrates, gels, waxes.  
- Significantly improved relation between can size and content.  
- Significant reduction of propellants and solvents possible.  
- Better environment compatibility.

TRUSPRAY® is a comprehensive aerosol system, based on an alternative method of aerosol formation.

How it works

TRUSPRAY® uses the method of capillary atomization. Even using a small quantity of propellant, TRUSPRAY® causes the product to rise up the walls of an ascending capillary. On the way small droplets are torn from the surface of the liquid by the propellant flowing through and flow on in the form of aerosol. No swirl chamber or insert are necessary. Due to this a higher amount of system’s energy can be used to create the required spray. Existing filling lines are compatible which makes immediate changeover to TRUSPRAY® possible.

A. Valve
The TRUSPRAY® valve is a standard valve with capillary tube. The optimized design of the components supports new methods of aerosol formation.

B. Actuator
No swirl chamber or insert are necessary for the TRUSPRAY® actuator. Possible as an actuator with overcap or as a spraycap. Within given technical parameters, a variation of the actuator design is possible – also custom-made.

C. Can
TRUSPRAY® can be combined with all conventional aerosol containers. However, as a brand it is offered in an exclusively designed oval aerosol container made of aluminum (by TUBEX GmbH), which is easy and pleasant to handle.

TRUSPRAY®... not just another aerosol system but a new dimension in aerosol packaging.

- Possible to spray difficult to dispense products and concentrates.  
- Less propellants and solvents needed.  
- More product or smaller can.  
- Compatible with conventional gas filling lines.

TRUSPRAY® is an innovation by STEAG microParts. LINDAL exclusively manufactures and markets the TRUSPRAY® aerosol system. An international patent for TRUSPRAY® has been applied for. Further, an application for world-wide property rights has also been submitted for the word/image trade mark, the actuator and the design of the TRUSPRAY® aerosol container.

More information under: www.truspray.com
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Dispensing system TRUSPRAY®

For flow rates of 1 g/10 sec. upwards.

- **A Overcap**
- **B Actuator** For female valves
- **C Capillary tube** Various inner diameters available on request.
- **D Tube holder**

**Valve**

- **E Mounting cup** Tinplate, PET, Aluminium
- **F Outer gasket** Nitril
- **G Inner gasket** Neoprene, Nitril, Butyl
- **H Valve seat** 2 slot 0,8
- **I Spring** Stainless steel
- **J Housing**
- **K Diptube** Various inner diameters available on request.
- **L Can** System for use with all conventional aerosol cans. An exclusively designed oval aluminium can (by TUBEX GmbH) is available.