

## preeflow eco- DUO450

Volumetric metering,  
mixing and  
dispensing system

## Wacker SilGel 612

Silicone gel potting  
compound



### Customer

SebaKMT, a division of  
Megger Group

### Customer benefits

- Precise metering,  
mixing and  
dispensing
- Reliable  
performance over  
nearly 10 years
- Minimum  
maintenance  
required
- Component  
protection for  
outdoor use

## Reliable dispensing performance and component protection for measuring equipment manufacturer

SebaKMT is a member of Megger Group, a leading global supplier of measuring and testing equipment for the energy industry, headquartered in the UK. The Baunach plant in Germany manufactures noise loggers for acoustic zone monitoring of drinking water supplies and ground microphones for cable fault location in the medium-voltage network.

The Sebalog N-3 Correlating Noise Logger from SebaKMT is a device for the acoustic monitoring of pipeline systems and is capable of transmitting measurement data via GSM directly to a control centre, where data from many devices can be correlated. Time is most important when detecting and locating leaks. These systems are designed to identify existing leaks, to detect new leaks as fast as possible, and thus minimise losses in the pipeline in the long term. Part of the digiPHONE+ NT set, an all-round tracking receiver, is a ground microphone. Here, SebaKMT has combined two systems in one device: the ground microphone for locating flashover faults in underground cables, and an earth fault locator for locating sheath faults in plastic-insulated PE and XLPE medium-voltage cables.

In both cases, a high-performance two-part silicone gel, **Wacker SilGel 612**, protects components from corrosion, as they are used in demanding outdoor and underground locations. Precise metering, mixing and dispensing of the silicone is critical.

In SebaKMT's production facility in Baunach, Germany, a **preeflow eco-DUO volumetric metering, mixing and dispensing system** has ensured proper dispensing from the get-go. In a historic moment, the very first eco-DUO450 two-component dispenser was officially sold and delivered to SebaKMT in 2011 with the serial number 0001.

Both processes are implemented in a semi-automatic dispensing application. The dispensing equipment must be highly accurate in order to achieve the required mix ratio of the two components of the potting compound, and to achieve repeatable results. Despite frequent and long production-related downtimes, the programmed quantities must be applied repeatedly and accurately upon resumption of the process. The eco-DU0450 was impressive with its strong performance right from the start.

In nearly 10 years of service thus far, SebaKMT's preeflow eco-DU0450 has only been sent to the preeflow Service Center once, for a preventative maintenance check. During a production interruption, it was able to be cleaned and serviced, including a seal replacement. After the two-component dispenser was returned, operations continue as normal.

Petra Hofmann, Quality Officer at Seba Dynatronic Mess- und Ortungstechnik GmbH in Baunach, says of the two-component dispenser and the cooperation with preeflow:

*"We are very satisfied with the performance of the eco-DU0450. The system has been reliably meeting our requirements for many years with minimum maintenance."*

### **preeflow eco-DU0450 Volumetric Metering, Mixing and Dispensing System**

- Genuine volumetric meter, mix and dispense dosing
- Accuracy of  $\pm 1\%$ , >99% of the time
- Viscosity independent
- Suck back effect
- Easy to clean
- Controllable dosing flow

**Applications include:** Electronics packaging, SMD/SMT, Semiconductor, LCD/LED/OLED, Medical, Biological chemistry, Laboratory, Photovoltaic, Optics and photonics

### **Wacker SilGel 612 Silicone Gel Potting Compound**

- High thermal shock resistance
- Low shrinkage
- Good adhesion including to polymer housings and LEDs
- Low outgassing
- Transparent
- Pronounced inherent tack

**Applications include:** Signage, solar panels, electronics potting, damping



**Contact us for more information on our dispensing equipment or potting and encapsulation products**

t 01865 842842  
e [info@intertronics.co.uk](mailto:info@intertronics.co.uk)  
[www.intertronics.co.uk](http://www.intertronics.co.uk)

**intertronics**

Station Field Industrial Estate  
Banbury Road, Kidlington  
Oxfordshire, England OX5 1JD

202006