

Gear Pump Dispenser Dos GP

Rugged high-precision metering pump for applying dispensing materials.

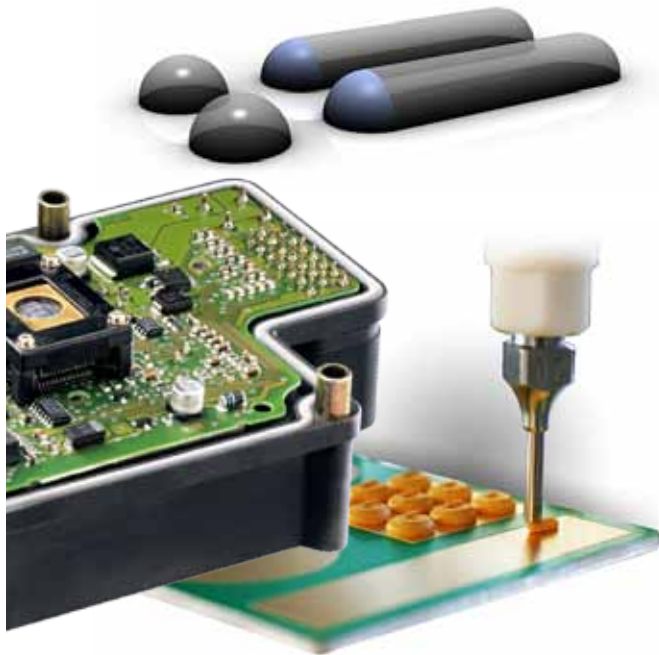
Suitable for processing variable quantities at high flow rates with great accuracy.

Handling of:

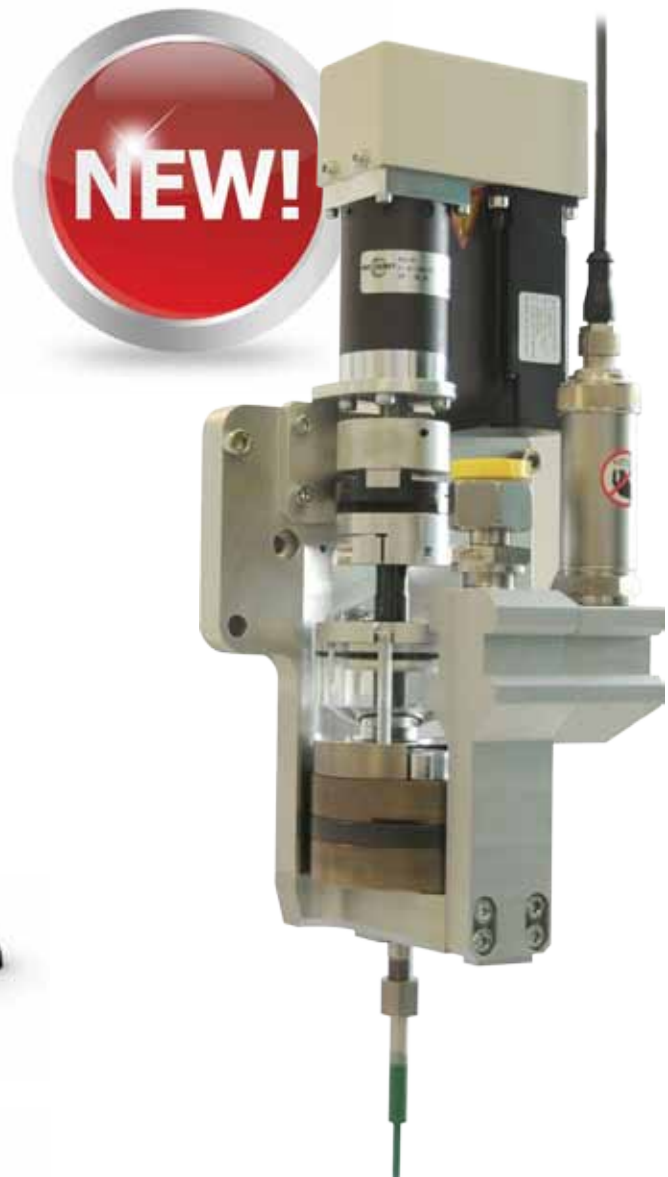
non-abrasive, highly viscous, single-component dispensing materials up to 1,000,000 mPa and higher

Used for:

applying single-component sealing beads onto electronic assemblies for sealing and bonding.



Application examples:
dispensing of highly viscous cast resin



Your Benefits:

- Small footprint for better integration in assembly lines due to the reduction in size from 250 mm to 140 mm
- Faster movements achieved through lightweight build with a reduction from 10 kg to 5 kg and optimised weight distribution
- Centre of gravity closer to carrying shaft for less vibrations and resulting straighter lines applied with higher precision

- New pressure reducing piston to allow **processing of moisture-sensitive materials**
- Free choice between stepping motor or servo motor drive for optimal suitability in all types of production lines
- Motor can be attached to the dispenser at different positions to allow highest flexibility in mounting
- **Suitable for mounting on swivels** to increase manoeuvrability and allow handling of inclined contours

Function of the Dos GP:

The gear pumps operate on the principle of a rotating volumetric displacement. The spinning of the gear wheels allows the material to fill the spaces between the teeth and then flows along the inner wall from the input to the output side where it is discharged through the nozzle and applied onto the work piece.

