

DISPENSING SYSTEM TYPE 2300 FOR TWO COMPONENT ADHESIVES AND RESINS SUCH AS EPOXY, POLYURETHANE AND SILICONE



SPECIFICATIONS

Capacity:	From single drops up to approx. 400 ml/min
Air Pressure req.:	5 bar, 150 l/min
Material pressure:	Up to 60 bar
Mixing ratio:	Fixed: 100:100 - 100:4
Mixing accuracy:	±2%
Viscosity range:	1-30 000 mPas.(cp) (flowable)
Shot size:	Base piston dia.: 6-25 mm Hardener piston dia: 6-25 mm Max: 290 ml/stroke Min: single drop
Container volume:	5, 10 or 20 litre
Machine weight:	Approx. 150 kg
Dimensions:	Length: 1200 mm Width: 800 mm Height: 1850 mm
Electronic shot size equipment:	Optional

System 2300 is designed for measuring, mixing and dispensing low and medium viscosity two component adhesives and resins. Compatible materials include epoxy, polyurethane and silicone for use in industrial applications such as manufacturing, electronic castings and sealing.

System 2300 improves the quality of the products, simplifies production, simplifies the handling of adhesive/curing agent during manufacturing, and improves the working environment. The system automatically measures the adhesive components and ensures an accurate and homogeneous mixture. Components are dosed under pressure to eliminate air entrapment.

The complete *System 2300* includes hoses, mixer gun with static disposable mixing tubes, and nozzles.

System 2300 is ideal for smaller precision dispensing and shot application in electronic industry. It is also suitable for string and shot application in furniture industry.

The metering unit in *System 2300* is comprised of two displacement pistons which are mechanically linked together. The mixing ratio is fixed between base and hardener.

The system is single action and the materials are dispensing only in one direction. When the pistons return, new material will fill up. The shot size can be step-less adjustable mechanically or electronically. The mixing gun is drop free and can be supplied with a handle, foot control or photo sensor.