

Application story



Dosing Abrasive Glue in LED Production

Location	Hungary	Hydra-Cell model	G03XMBTHFEMA
Type of application	Dosing 2-part Adhesive during LED Manufacturing Process	Flow rate	150 ml/min (5 oz/min)
Liquid	Adhesive Quartz Sand	Pressure	8 - 9 bar (115 - 130 psi)
Application details	A manufacturer of LED lights in Hungary previously used gear pumps to dose a special 2-component glue into each lamp during production. The glue is viscous and abrasive, with a 20%-30% solids content of quartz sand. The gear pumps however needed frequent repair. They were replaced for a one-month trial by two Hydra-Cell G03 pumps. The customer was very satisfied with results and subsequently purchased two further sets of pumps and valves for other production units.		
Advantages of Hydra-Cell pump on this application	Outstanding solids handling, good controllability, accuracy, pulse-free dosing. Easy cleaning.		

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