

Application story


WANNER[™]
HYDRA-CELL[®] PRO
SEAL-LESS PUMP TECHNOLOGIES



Manufacturing of Insulin using High Performance Liquid Chromatography

Location	Hyderabad, India (Installation: June 2018)	Hydra-Cell model	D10EKSJHFEHE x 9
Type of application	Insulin Manufacturing	Flow rate	0.7 - 10 l/min
Liquid	Methanol Insulin	Pressure	80 bar
Application details	Genesys biologics installed 9 X D10EKSJHFEHE in their preparative HPLC skids for the manufacturing of insulin. These are pumping solvents and insulin into the chromatography column for the purification of the insulin. These pumps were installed in 2018 and running smoothly and efficiently with 24/7 operation without any unplanned maintenance.		
Advantages of Hydra-Cell pump on this application	• Ability to pump virtually "pulse-less" without using pulsation dampeners • Seal-less design for low maintenance • Small footprint		

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