

Hassle-free, high-output luer lock moulds.

Traditionally, luer lock moulding has presented significant challenges. Cumbersome startup procedures lead to low uptime.

Maintenance is required frequently and poses a high risk of damaging hot runners and mould cavities. Product quality is often compromised due to issues with black spots, gate vestige and leaky hot runner tips. But through years of innovation, IGS GeboJagama has developed a better luer lock mould that tackles these challenges.

The IGS GeboJagama solution

Our enhanced moulds start with a smart design that makes maintenance easier and more convenient. This prevents damage to hot runner tips and cavities, thus reducing the risk of product flash and the need for time-consuming repairs. Our team further increased uptime by implementing a side gate hot runner system, rotating the gating locations by 90 degrees, and modifying the product gating surface area to minimize gate vestige. These adjustments speed up startup times significantly. Finally, we optimised mould output by achieving shorter cycle times.

Our team designed a highly reliable direct ejection movement that eliminates the need for robotic arms or double ejection strokes.

All our luer lock moulds are equipped with servomotors, making them suitable for cleanroom production environments. They are produced in our Industry 4.0 factory, enabling a larger volume production of critical mould parts. This not only enhances quality but also reduces costs, improves delivery times and shortens your time to market.

Key facts and figures



Easier, safer and **less frequent maintenance**



Shorter cycle times thanks to highly reliable ejection method



Easier startup procedure for higher uptime



High cavitation moulds

In the words of our client

"We are extremely satisfied with the performance of our IGS luer lock moulds. The improvements in productivity and the reduction in operational disruptions have been a game changer for our manufacturing process."

- Vice President of R&D of a globally leading Healthcare OEM



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