

**March 31, 2020**

**Who are we?** BioConnection B.V. (Oss, The Netherlands) is a contract manufacturer (CMO) for the GMP production of sterile drug products in vials and syringes. Our state-of-the-art GMP manufacturing facility is EMA and US-FDA certified and we have 15 years of experience. BioConnection offers complete sterile drug product manufacturing packages including: filling and freeze drying, technology transfer, scale-up, validation programs, analytical support, stability studies, regulatory dossier support and final GMP release (for clinical trial and market purposes).

**Tailor made solutions.** BioConnection is very well positioned to support (bio)pharmaceutical companies in bringing their invention from the lab bench to the clinic and hereinafter to the market.

**From research batches up to production of 12 to 15 million vials and/or several million syringes per year.** BioConnection has in 1 facility, 4 sterile (aseptic) production lines: a manual fill unit (vials), a 50L automated line (vials), a 50L syringe line and as of April 2021 a 250L brand new automated production line with an output of 12 to 15 million vials per year (**a significant part thereof can be utilized for Covid-19 alleviation programs**). We can handle the following standard vial formats: 2 RDIN, 6 RDIN, 10 RDIN, 20 RDIN and 25 RDIN. Besides liquid products we also manufacture sterile freeze dried drug products. In the table below an impression of the maximum batch sizes (in gross amounts) that we can manufacture on the basis of a 2 RDIN vial. Actual batch sizes depend on the requested vial format, the requested filling volume/ vial and the requested scale of production per 1 drug product batch.

Liquid products	Manual fill	50L line	250L line
2 RDIN vial	~ 1,000	18,700	74,800
Freeze dried products	Manual fill	50L line	250L line
2 RDIN vial	na	11,000	44,200

Syringes	na	Scale: 50L – speed: 5,000 syringes/ hour Batch size: 30,000 syringes (on the basis of 1 ml fill/ syringe)
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**Contact.** To quickly evaluate whether your project fits within the bandwidth of our manufacturing operations, please consult either [5.1.2e](mailto:info@bioconnection.eu) at [5.1.2e](mailto:info@bioconnection.eu) [@bioconnection.eu](mailto:info@bioconnection.eu) or with [5.1.2e](tel:+31736363636) at [5.1.2e](tel:+31736363636) [@bioconnection.eu](mailto:info@bioconnection.eu)

**Additional company information.** Please refer to our website: [www.bioconnection.eu](http://www.bioconnection.eu)