

BIRGI and MEFAR: Working together to provide ampoules, vials, lyophilized vials, BFS and pre-filled syringes



Pharmaceutical glass manufacturing

The Turkish based company Birgi bridges the gap between Asia, The Middle East and Europe supplying glass vials, lyophilized vials, ampoules BFS and pre-filled syringes. Working closely with Mefar its sister company, producing parenteral solutions, renders Birgi highly acquainted with the complexities of the filling process. Birgi provides complete dedication to quality standards, consistent excellence in customer service and through its logistics company Defar, unmatched flexibility in delivery.

STATE OF THE ART PRODUCTION LINES AND COMPLETE RELIABILITY

Founded in 1963, Birgi has been forming type 1 glass into ampoules, vials and pre-filled syringes for the pharmaceutical industry in Turkey and across Europe for over half a century. Employing advanced computer controlled camera systems, GMP focused production policies and state-of-the-art production lines, enable Birgi's complete dedication to the highest quality standards, consistent excellency in customer service and unequalled flexibility in delivery schedules all of which make Birgi the most reliable partner in client supply chains.

CERTIFICATION

Birgi was the first company in Turkey to gain ISO 15378 certification - "Primary Packaging Material for Medicinal Products" - essential requirement for acquiring ISO 9001:2000, referring to "Good Manufacturing Performance" (GMP). Since 2006 Birgi holds DMF numbers for vials and ampoules from the

FDA, and likewise from Canada since 2014. Birgi also possesses ISO 10002:2004 Certification for its excellent Customer Complaints system and was awarded ISO 14001 and OHSAS 18001 certification in 2009 demonstrating its belief that happy healthy employees ensures high product quality.

BIRGI'S SUPPORT ANYWHERE IN THE WORLD

Birgi's exports already count for over 45 per cent of its overall sales and mainly cover Europe. Its strategic location, Istanbul, however, means that it is in a position to support customers from all over the world.





PRODUCTS - AMPOULES

A wide range of type 1 glass tubing ampoules in 100 per cent tamper proof packaging ranging from 1ml to 30ml in different types and sizes, including stem-cut (Type- B), funnel (Type-C) and closed end (Type-D). Custom-made ampoules are also possible.

Ampoules with O.P.C. (one-point-cut) easy-break and colour-break ring systems are produced to customer requirements, while special higher hydrolytic resistant ampoules are also available on demand.

For identification purposes as many as three code rings can be applied and printed ampoules with a wide range of heavy metal free colours are available.

VIALS

High quality vials are supplied in sizes ranging from 2ml to 30ml in Type-1 glass tubing produced by leading European glass manufacturers. Birgi is also able to produce vials with different neck-finish designs to satisfy any needs. Designs include:

- standard injection vials;
- American or European style blow-back vials;
- screw neck vials; and
- special vials for lyophilized products.

BIRGI QUALITY: EXCEEDING CUSTOMER EXPECTATIONS

Constant monitoring through numerous camera control systems, parallel to unceasing con-

trol of products separated by automated systems along the production line on all visual, dimensional, physical and chemical parameters ensures that Birgi maintains the highest quality. Birgi's Quality Control performs necessary checks in accordance with internationally accepted guidelines while the company's existing and new clients make periodic audits and Birgi itself holds rigorous, internal, annual inspections. Moreover Birgi carries out customer satisfaction surveys evaluating its performance based on the feedback it receives thus manifesting that excellent quality coupled with the highest safety standards of products, processes and employees are at the core of Birgi's success.

Through its sister company Mefar, a leading contract manufacturer of parenteral solutions in ampoules, vials, lyophilized vials, BFS and prefilled syringes, Birgi is highly acquainted with the complexities of the filling process.

MEFAR

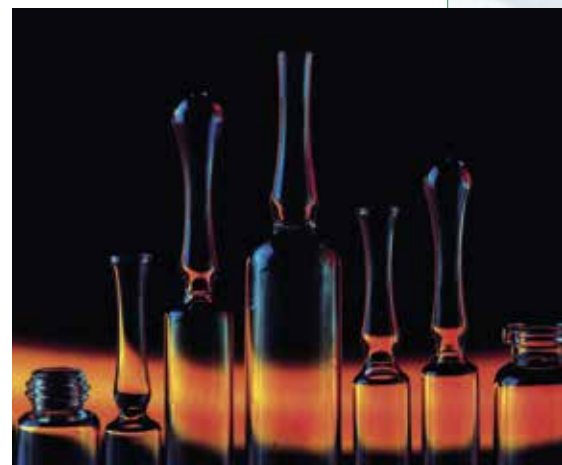
Founded in 1985, Mefar is a leading pharmaceutical contract manufacturer of parenteral solutions for human and veterinary usage in ampoules, vials, lyophilized vials and ampoules, BFS (blow-fill-seal containers) and PFS (pre-filled syringes).

Mefar was the first company to fill vaccines in Turkey, with a state-of-the-art sterile facility designed to maximize transparency by the use of floor-to-ceiling hygienic glass partitions,

while preventing any form of waste of capacities, staff and other resources through its well-thought layout.

As a business partner with an impressive global customer base, Mefar provides flexible customized services with over 700 employees with a full commitment to quality.

The synergy between Mefar and Birgi generates significant cost-savings and flexibility on delivery schedules. ■



birgi
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