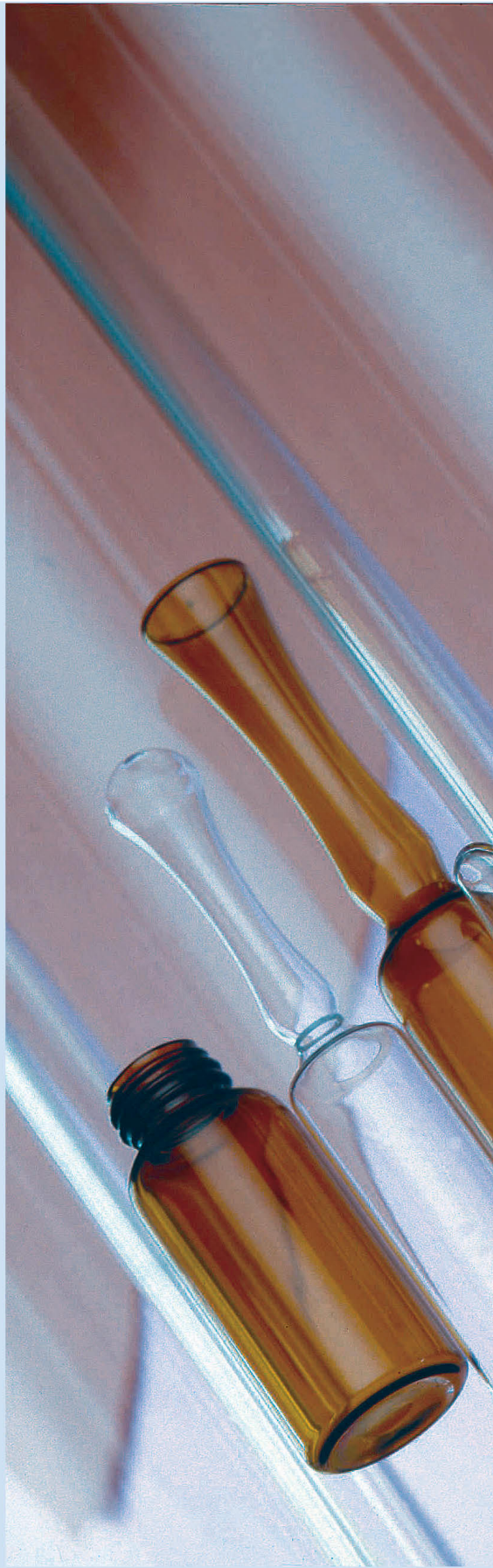
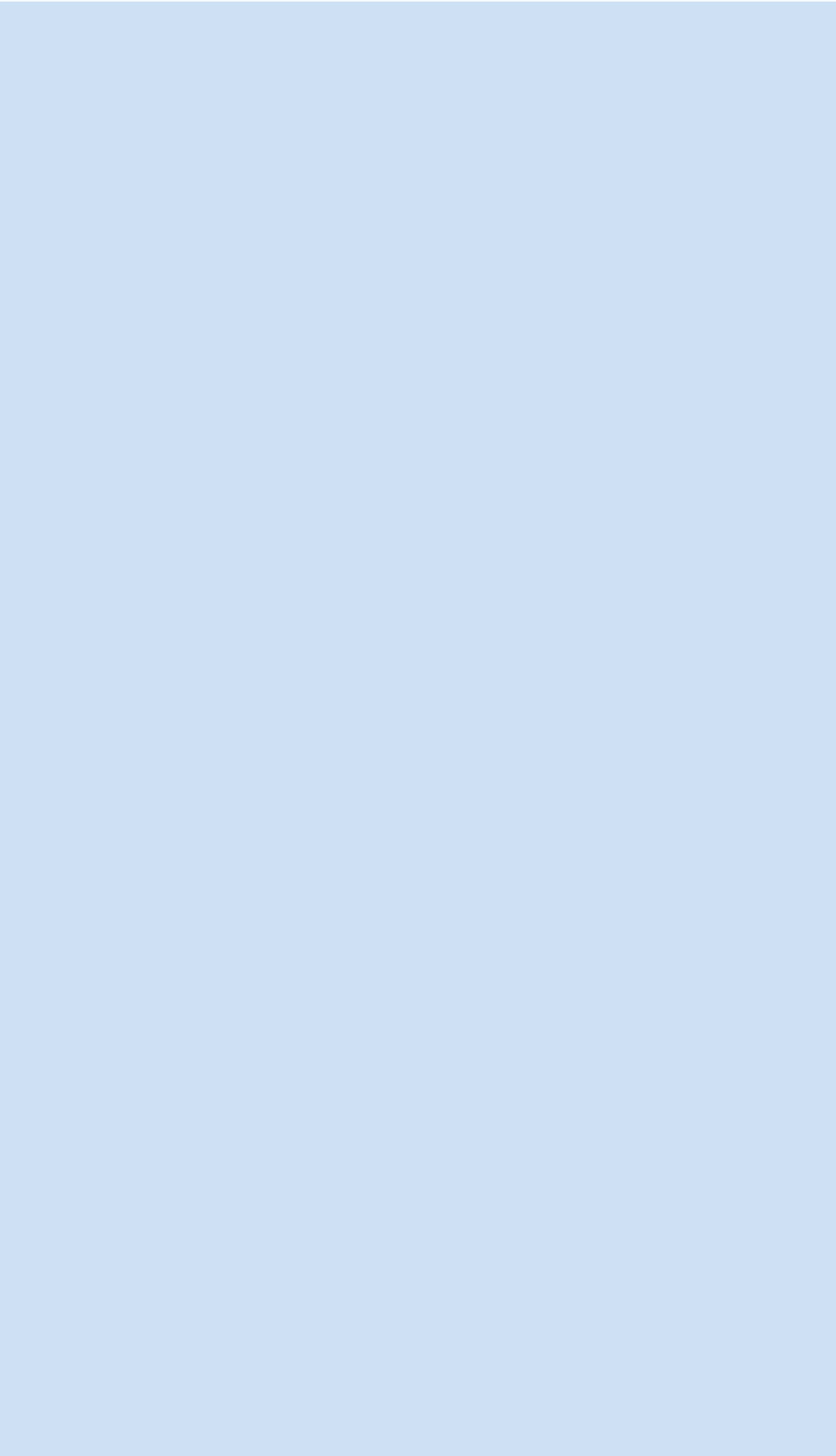
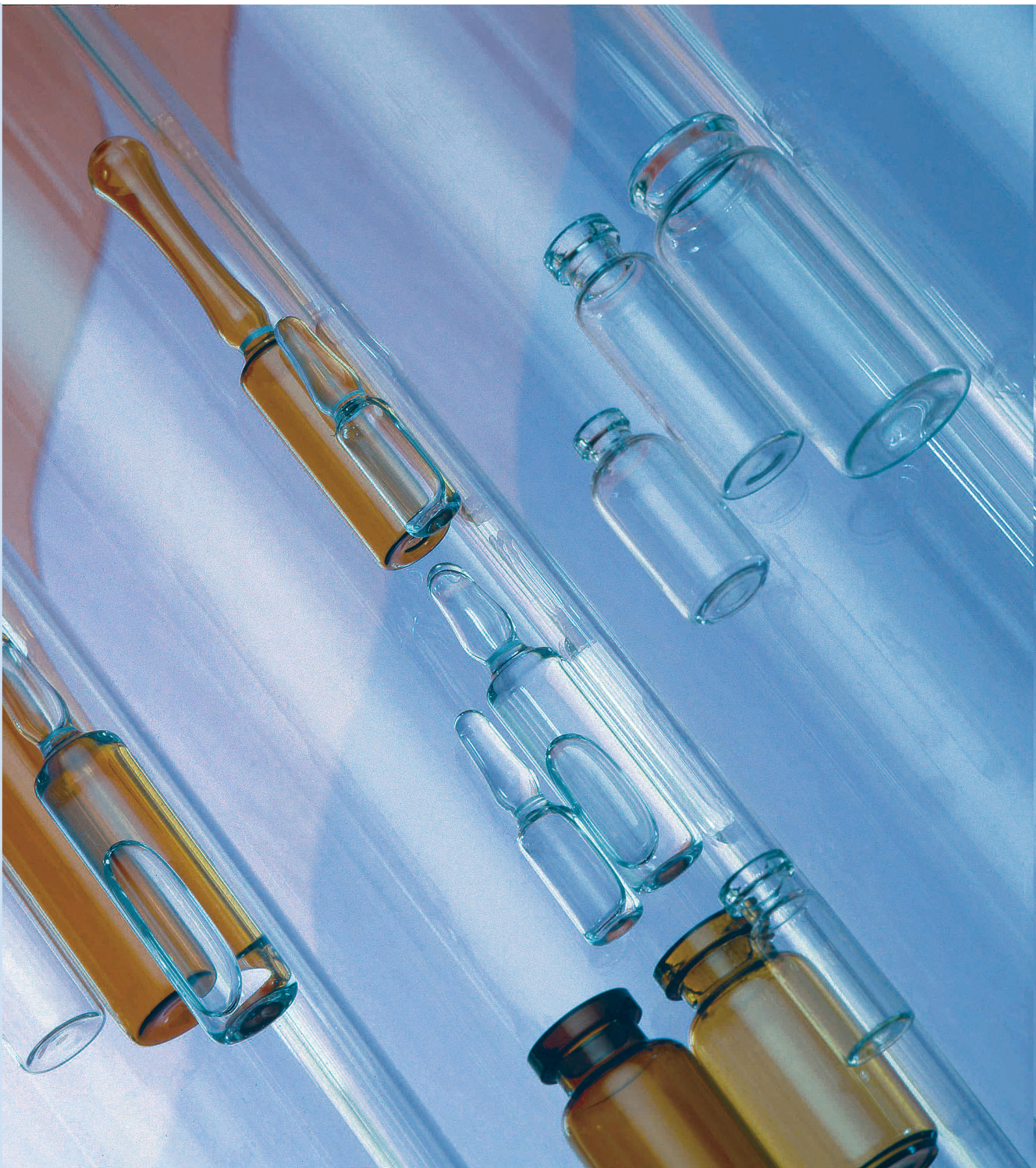
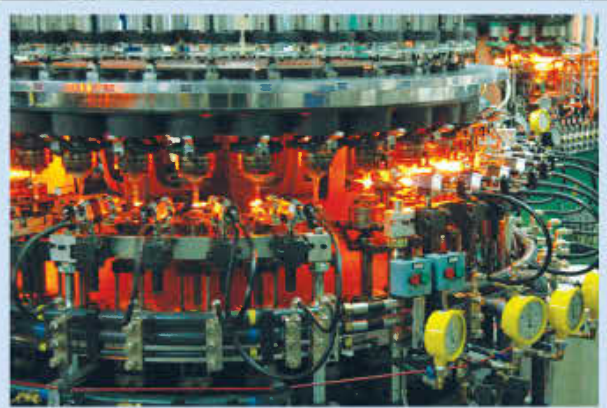


birgi





Introduction



Since the early ages, glass has been a symbol of transparency, cleanliness and health. Under its fragile appearance, rests a highly resistant container ideal for protecting the precious product inside. That is why glass is commonly used as a primary packaging material for products related to human health such as food, beverages and medicines.

Since its establishment in 1963, Birgi has been forming type-1 glass into ampoules and vials for leading pharmaceutical companies in Turkey and across Europe. For such a demanding industry, a carefully designed modern facility with state-of-the-art production lines, advanced computer controlled camera systems and GMP focused production policies is critical.

With over 50 years of experience and a highly skilled technical staff, Birgi serves its costumers from a fully equipped facility located in Istanbul, a city close to Europe as well as to the western part of Asia and the Middle East. This strategic location enables Birgi to easily deliver finished product to many companies across Europe and the Middle East.



Through its sister company Mefar, a leading contract manufacturer of parenteral solutions in ampoules, vials, lyophilised vials, BFS and pre-filled syringes, Birgi is highly acquainted with the complexities of the filling process and is fully aware of your expectations.

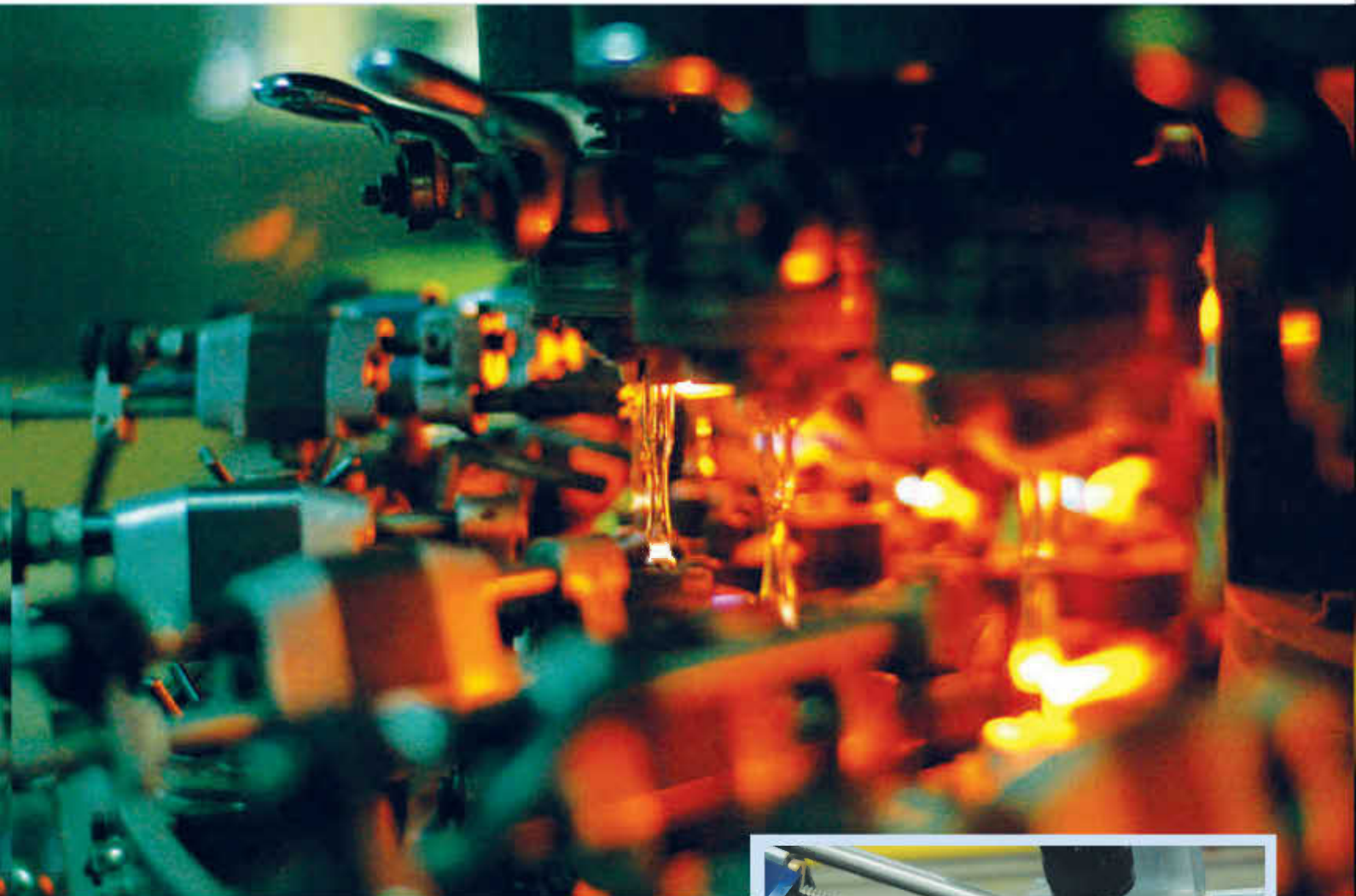
Our complete dedication to the highest quality standards, consistent excellence in customer service and unmatched flexibility in delivery schedules makes Birgi the most reliable partner in your supply chain.

Birgi was the first company in Turkey to acquire ISO 15378 certification "Primary Packaging Material For Medicinal Products - Particular Requirements For The Application of ISO 9001:2000, With Reference To Good Manufacturing Practice (GMP)" which demonstrates our dedication to quality and our ongoing commitment to being the pioneer in our industry.

Birgi believes happy and healthy employees directly affect product quality. In pursuit of this goal, the company sought and was awarded ISO 14001 and OHSAS 18001 certification in 2009.



Ampoules



Ampoules

One of the oldest primary glass packaging materials, ampoules are still widely used for a reason - because the pharmaceutical product is in contact only with glass and the packaging is 100% tamper proof. These features give ampoules a great advantage over its alternatives.

Birgi manufactures a wide range of ampoules in different types and sizes, from 1 ml to 30 ml, on its advanced production lines and highly experienced and devoted staff. Rigorous product inspection and strict process controls are ensured through numerous state-of-the-art camera control systems and Birgi's quality vision.

Controlled packaging areas that are periodically monitored for microbiological load and particle count, ensure that your products are safely packed in a clean environment.





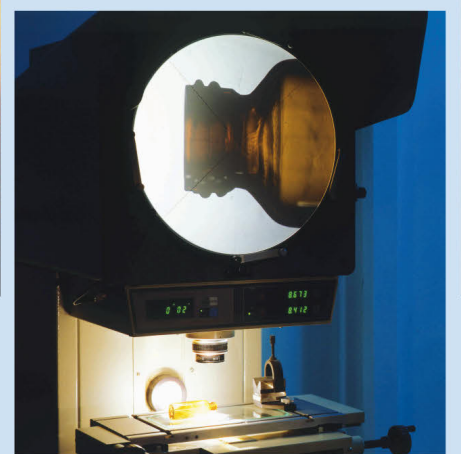
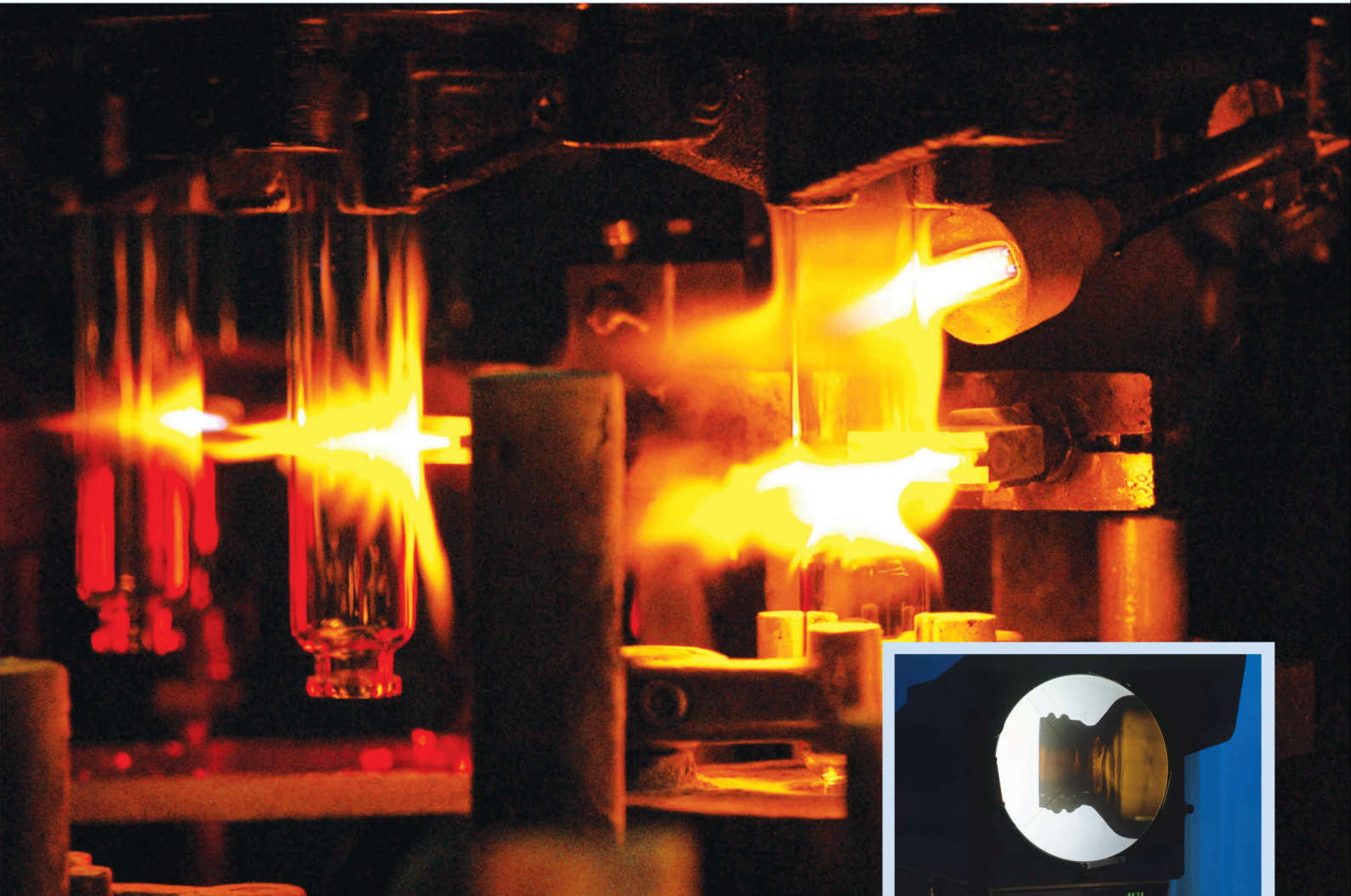
Our product range includes stem-cut (Type-B), funnel (Type-C) and closed end (Type-D) ampoules and we are also able to manufacture other custom-made ampoules.

Ampoules with easy break systems such as O.P.C. (one-point cut) and color-break ring are produced according to customer requirements. Special ampoules with higher hydrolytic resistance are also available on demand.

Up to three code rings can be applied for identification purposes. Printed ampoules are also available with a wide range of heavy metal free colors.



Vials



Vials

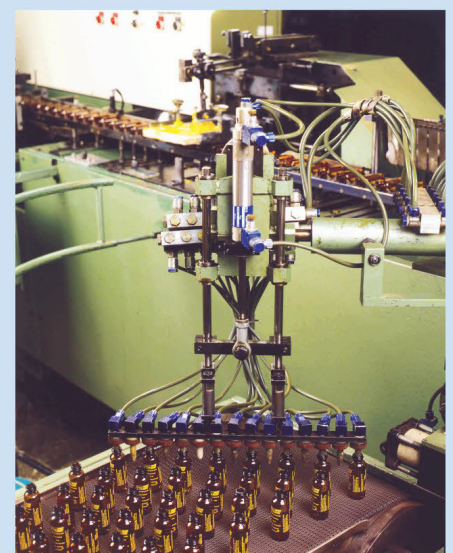
Birgi supplies high quality vials in sizes of between 2 ml and 30 ml using type-1 glass tubing from leading European glass manufacturers.

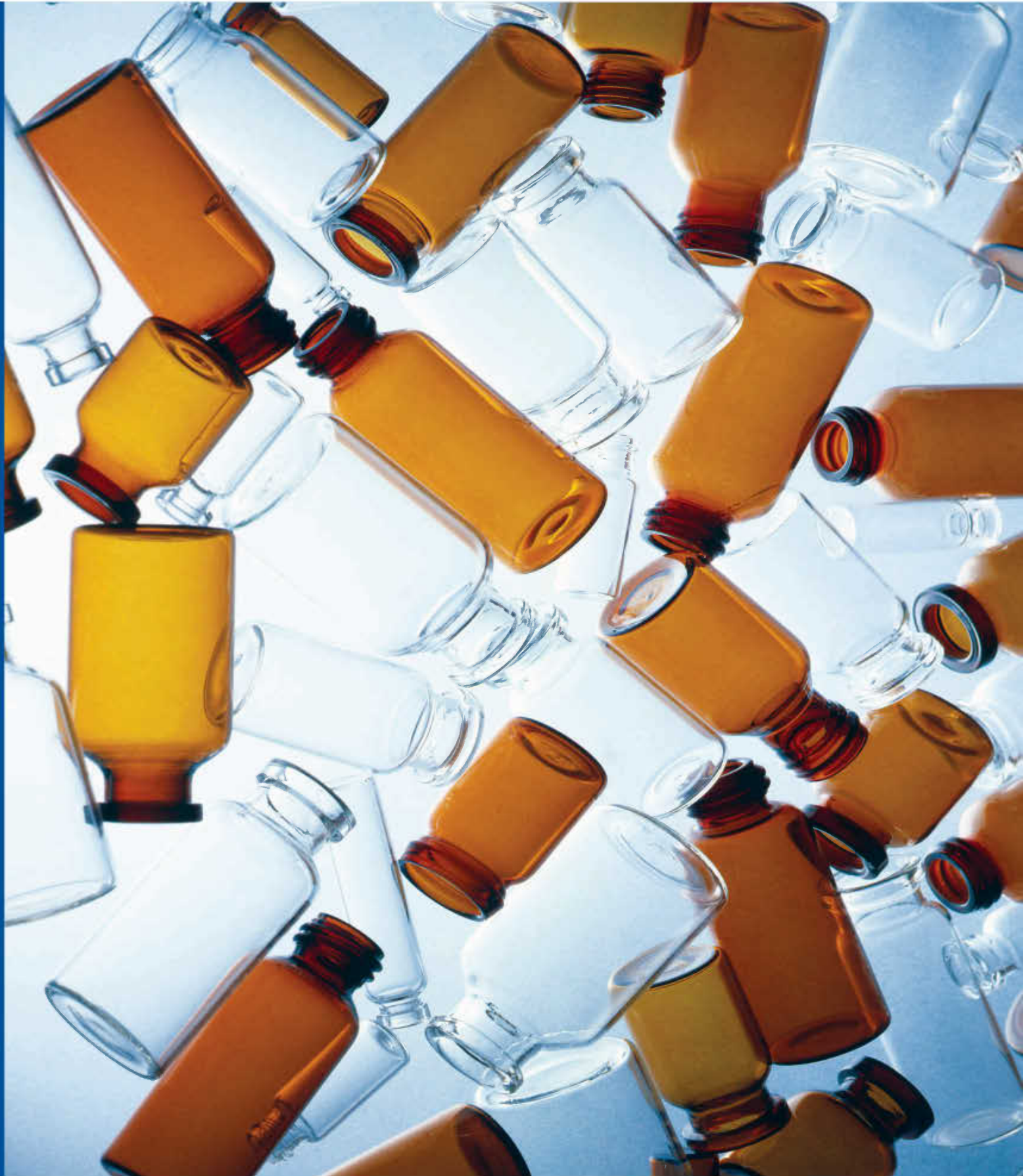
State-of-the-art modern production lines and our years of experience enable us to produce vials with different neck-finish designs to satisfy your needs.

Designs include:

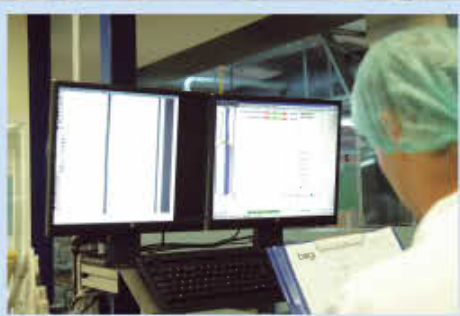
- Standard injection vials
- American or European style blowback vials
- Screw neck vials
- Special vials for your lyophilized products

Rigorous product inspection and strict process controls are ensured through numerous state-of-the-art camera control systems and Birgi's quality vision. Controlled packaging areas that are periodically monitored for microbiological load and particle count, ensure that your products are safely packed in a clean environment.



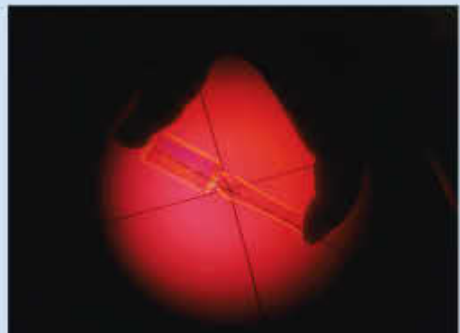


Quality



Quality

Birgi pursues a quality-oriented approach that aims to keep the quality of products and services at a level which meets or exceeds the expectations of our customers, along with the highest level of safety. The company continuously works on improving the efficiency of its quality system.



Even though the production is 100% monitored by numerous camera control systems which control every dimensional aspect of products, our Quality Control Department (QC) also controls all visual, dimensional, physical and chemical parameters of every batch using samples separated by automated sampling systems on the production lines.

Release approval is then given by QC once all necessary controls have been performed in accordance with internationally accepted guidelines.



Our facility is regularly audited by authorities for certification within the scope of regulatory audits. Moreover, existing and new customers periodically inspect Birgi while rigorous internal inspections for each department and process are completed annually.

Birgi holds ISO 10002:2004 certification for its system of handling customer complaints. Customer feedback provides an invaluable source in analyzing our company's performance in its pursuit of meeting and exceeding customer expectations. In parallel with this customer-oriented approach, Birgi makes periodic customer satisfaction surveys and evaluates its performance based on the feedback received.



The founder of our group of companies, Adnan Birgi left a successful banking career in 1947 to become the pioneer of the tubular glass container industry in Turkey. His continuous quest for perfection and his limitless energy has always been a source of inspiration to those around him. The family atmosphere and a strong sense of belonging is a direct result of his intense personal involvement and human interest. We are proud to follow his legacy of total dedication to perfection in the service of our customers.



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