

AIM™ Axxicon ISO Manufactured

Comparability by uniform standards,
 flexibility by quick change

Data generation by using uniform test standards. Axxicon has been setting the pace since 1989 when the first AIM™ (Axxicon ISO Manufactured) Quick Change Mold System was introduced. Up to that point, the polymer industry faced a challenge: material properties were not comparable. Axxicon offered the solution developed by the International Organization for Standardisation (ISO): a quick change mold system for molding test specimens of thermoplastic materials, enabling material key properties to be compared worldwide!



ISO, any other industry standard or special?

Eventually, the polymer industry will fully adopt the ISO standards. Many customers still require tests in accordance with ASTM, BS, JIS, SAC or other standards. We accommodate them too, by providing inserts for any standard required. Besides standard inserts we also supply customized inserts and inserts for special applications like hybrid technology / overmolding and injection compression. The AIM™ Quick Change Mold Systems XL and XXL are specially designed for molding larger parts or creating even more flexibility!

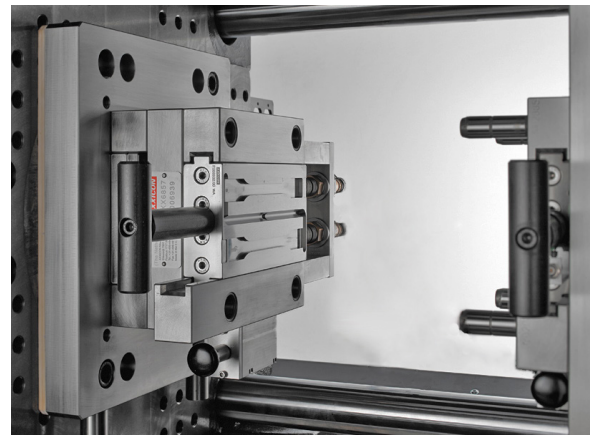
A modular concept. The modular AIM™ Quick Change Mold System consists of a mold base, a mirror plate and as many product forming inserts as you require. Mold bases, mirror plates and ISO inserts are delivered 'off the shelf'. Inserts for other standards or specials are delivered within a matter of weeks. Mold temperatures up to 482°F can be achieved!

Compliant with ISO as used by CAMPUS®. ISO sets the exact requirements for injection molding (molding machine, mold design and process conditions), the designations / dimensions of test specimens, the test conditions for determining material properties and the specifications for acquiring / presenting the comparable data.

The AIM™ Quick Change Mold System is a flexible mold system designed to comply exactly with these international accepted ISO standards, which are also used by CAMPUS®, the plastics database.

CAMPUS®

Computer Aided Material Pre-Selection by Uniform Standards. CAMPUS® is an internationally reputed material information system for the plastics industry. The development of CAMPUS® started in 1988 and has continuously been improved. The CAMPUS® philosophy is based on the concept of comparable data (the properties are based on the international standards ISO 10350 for Single-Point data and ISO 11403-1,-2 for Multi-Point data). CAMPUS® is a registered trademark of CWFG, Frankfurt am Main, Germany



Features & benefits

- Standardized design
- Unique system which ensures global comparison of material properties
- In accordance with ISO specifications
- Flexibility by quick change: changing of product forming inserts in seconds
- Horizontal change of inserts and mirror plates for increased convenience
- Compatible with regular injection molding machines
- Extremely reliable
- High level of support and service
- Approved by CAMPUS®

* APPROVED BY *

CAMPUS



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