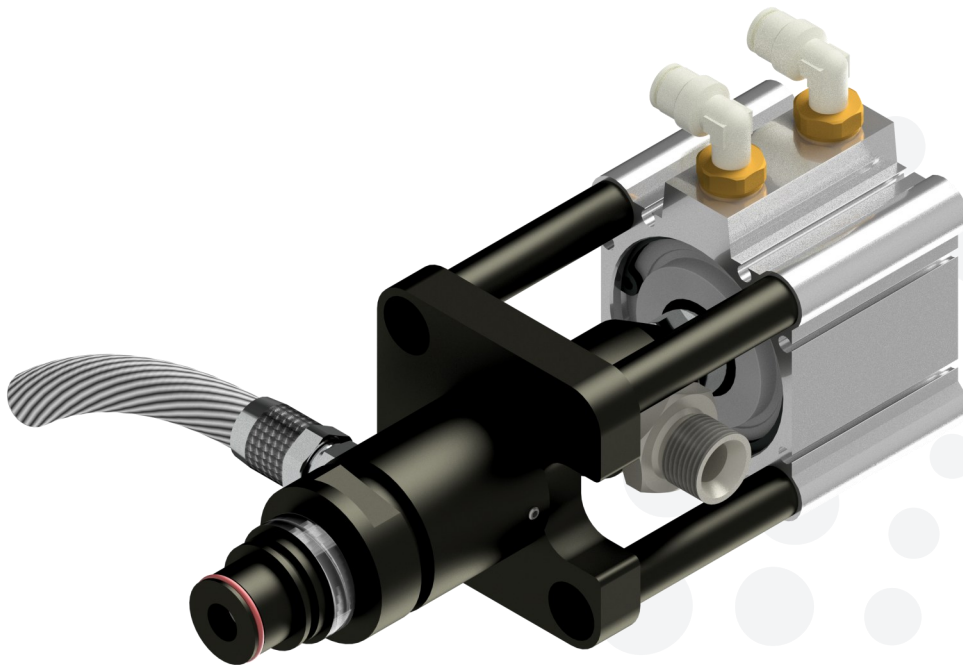


DATASHEET

CIJECT INJECTION VALVE



KEY FEATURES

- Designed for connection between CIJECT equipment and an inlet port of a typical closed mould.
- Provides vacuum tight sealing of a closed mould.
- Straightforward isolation of the mould cavity.
- Easily cleaned as part of a normal CIJECT injection machine flush cycle.
- Automated process and reduces the need for operator intervention.
- Careful design and positioning of the material ports allows use in deep mould structures with limited access.
- Robust construction and highest quality components ensures excellent reliability with ranging resin types under the hardest conditions.
- Ability to disconnect from CIJECT equipment once cleaned.

PRODUCT VERSIONS

All versions include a corresponding spares kit.

Standard Options	Description	Product Number
Standard Version	Suitable for typical polyester/vinylester and epoxy resin systems.	XE-0015-01 + SK
High Temperature Version	Suitable for typical polyester/vinylester and epoxy resin systems. Includes torlon sealing tip, stainless steel shaft and high temperature air cylinder. For use at temperatures up to 150°C (continuous use) or 180°C (short term use).	XE-0015-02 + SK
Stainless Steel Shaft Version	Provides a robust alternative to the standard shaft if regular dismantling is required.	XE-0015-03 + SK
Stainless Steel Body Version	All components in contact with resin material are machined stainless steel.	XE-0015-04 + SK

PRODUCT OPTIONS

Other specifications are available on request.

Standard Options	Description	Product Number
Infusion 'Nose' Inlet	1/2" BSPPF outlet for connection to infusion inlet.	OPT-06
Resin Inlet Hose: 0.5 m		OPT-10
Resin Inlet Hose: 1.0 m		OPT-11
Resin Inlet Hose: 1.5 m		OPT-12
Resin Inlet Hose: 1.8 m		OPT-13
Brass Quick Couple Connector	Connection for resin inlet hose. Connects the injection valve to the CIJECT machine mix-head.	OPT-20
Stainless Steel Quick Couple Connector	Connection for resin inlet hose. Connects the injection valve to the CIJECT machine mix-head.	OPT-21
Control Valve and Fittings	Pneumatically actuated. The control valve powers the injection valve open/close from CIJECT equipment.	OPT-25

TECHNICAL SPECIFICATION

General	
Housing Material	Machined from steel and treated to provide a hardened and corrosion resistant surface.
Maximum Operating Temperature	Standard Version: 80°C High Temperature Version: 180°C
Nominal Service	1 calendar year
Design Life	10 years

TECHNICAL SPECIFICATION (continued)

Dimensions

