

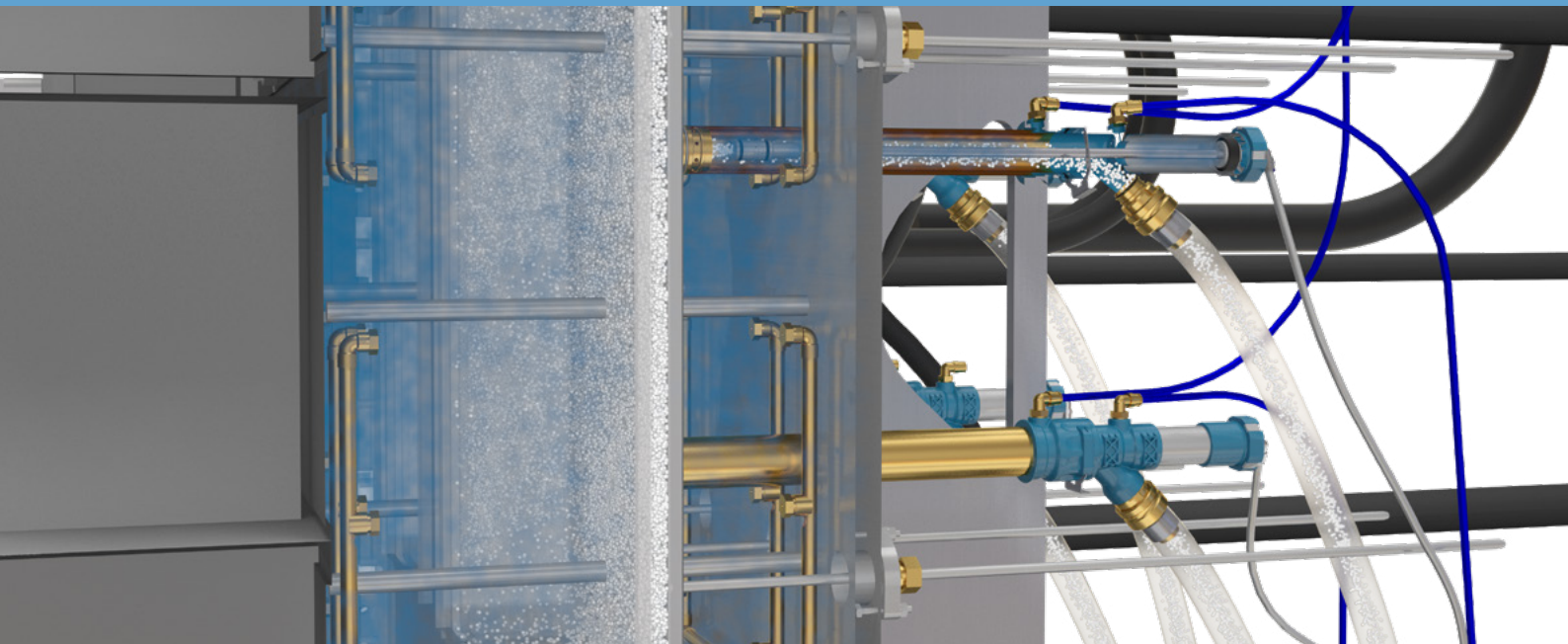
Filling Injectors & Maintenance 4.0

Intelligent. Economic. Preventive.



Kurtz Filling Systems

The Best Way of Filling your Mould

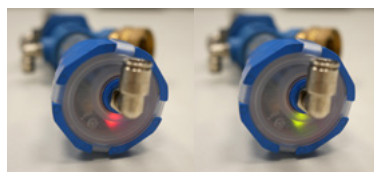


A key requirement for efficient moulding production is a safe and reliable filling of the mould. The Kurtz B-JET blue fill injectors ensure a fast filling and an even filling degree. Result: highest quality of the moulding.

When equipped with the Kurtz i-CAP the B-JET blue fill injector automatically and timely indicates the next maintenance interval. Unforeseen machine standstills caused by filling injector malfunctions can be excluded to a minimum.

Advantages of Injector Maintenance 4.0

- Lower maintenance costs
- Higher productivity
- Lower reject rate
- Few wear parts
- Lower energy consumption
- Excellent filling behaviour
- Very good fusing by steam jet plunger
- Higher availability of the production plant
- Maintenance when it is needed (preventive maintenance)



Before and after injector maintenance 4.0

Technical Data of Standard Filling Injectors (in mm)

	Diameter	Sleeve Diameter	Dipping Length	Mouth Piece Diameter	Material Hose	Air Connections for PA hose
EPS	50	16/20	300/400/500	20 – 34	20/25	3 x 6/8
EPP	50	20	300/400/500	24 – 34	25/30	3 x 6/8

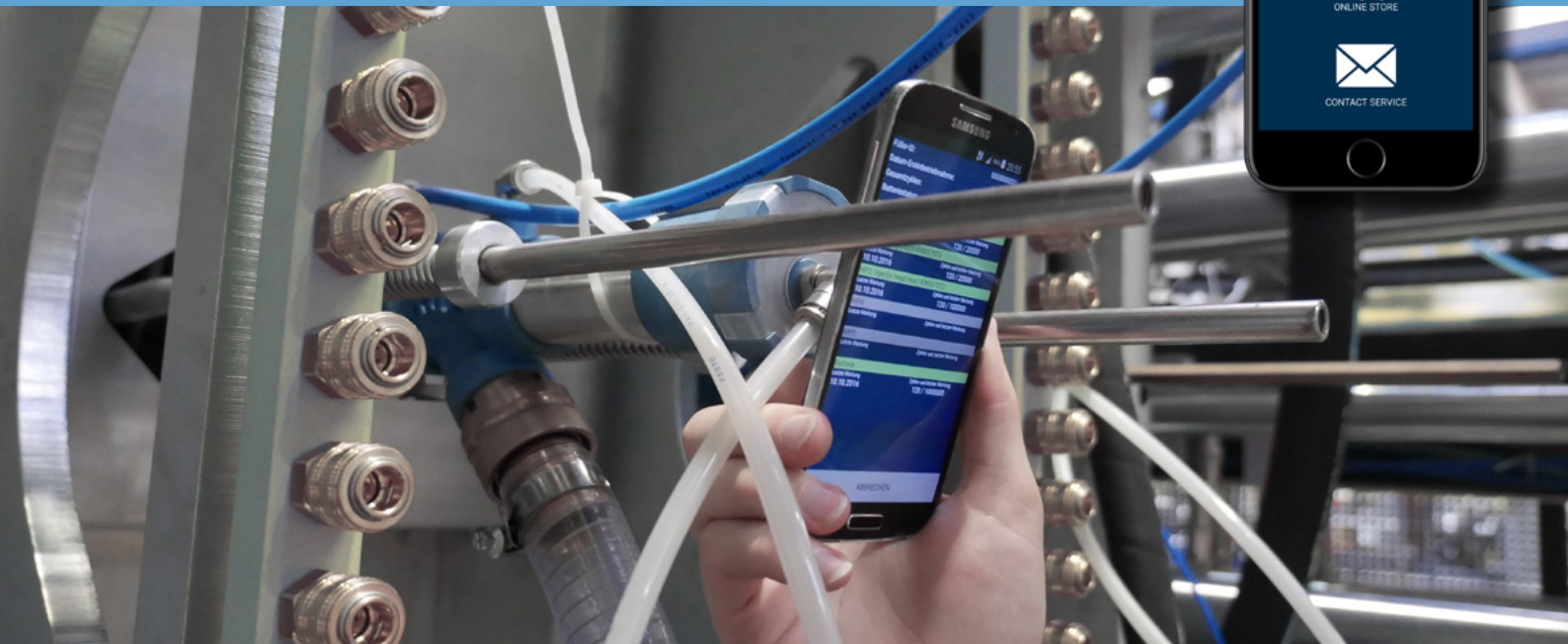
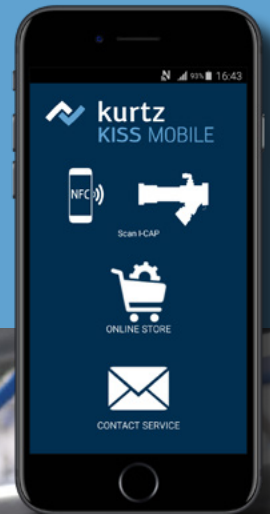
More than 100 different designs ensure to find the most suitable filling injector for each application.

Kurtz Filling Injector Tools

Your Entry to the Intelligent Filling Injector Maintenance



Android App
free of charge



Kurtz B-JET blue

Injector head improvements

- Extended air connections
- Fitting accuracy
- Dilag-sealing and guidance
- Reinforced material connection



Kurtz B-JET blue components

Kurtz i-CAP

- Number of strokes counted by integrated chip
- RFID-Chip stores information about actual/set value of maintenance status
- LEDs indicate status of battery and number of cycles
- Comparison of data, adjustment of maintenance package status



Kurtz i-CAP with LED-Signals

KISS MOBILE

KISS-App (Kurtz Injector Service Scan) supports your customer service, field staffs as well as service technicians.

- i-CAP can be read out wirelessly any time via smart phone
- Reading distance: approx. 10 cm
- Supported by Android devices version 4.0 or later
- Precondition: smart phone with Near Field Communication (NFC) Technology
- Contact: service-pfm@kurtzsa.de
- Link Webshop: www.kurtzshop.com



KISS-App Interface

Injector Maintenance 4.0

Maintenance when it's needed

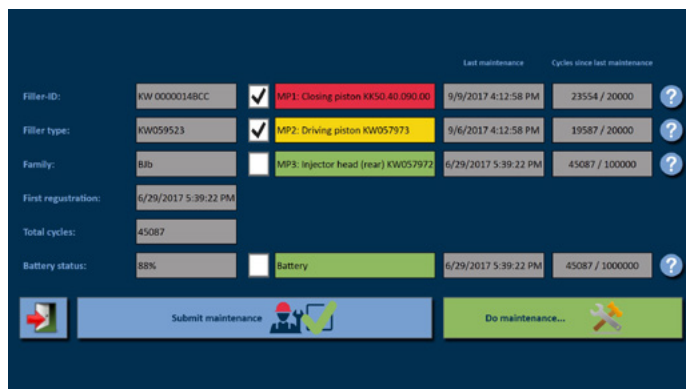


KISS STATION Lite – basic tool of filling maintenance 4.0

KISS STATION lite

Mobile scanner system for filler maintenance

- Visualisation of maintenance instructions
- Running the complete maintenance
- Collecting basic data for data base
- Direct interface to Kurtz Webshop



Maintenance packages – number of cycles can be modified any time



Examples of maintenance package support