

## Fluorescent penetrant inspection line

Penetrant lines are designed for control in larger series in aerospace, automotive and in other sort of industry. Installations made by ATG have ecological running and are equipped with fully automatic recycling of rinsing water. ATG is able to create the „FPI“ according to the wish of the customer. References accross the whole Europe mean high quality of ATG-devices. The FPI consist of prefabricated units, thus the form of it is variable.

Basic types of FPI due to level of automatization: **Manual** manual operating with the FPI  
**Semi-automatic** parts of the FPI are automatized  
**Fully automatic** the whole process is automatized

### Manual FPI



- For easier manipulation with checked parts we recommend to install a crane track.

### Semi-automatic FPI



- It is possible to automatize parts of the process according to wish of the customer, e.g. opening and closing of tanks.

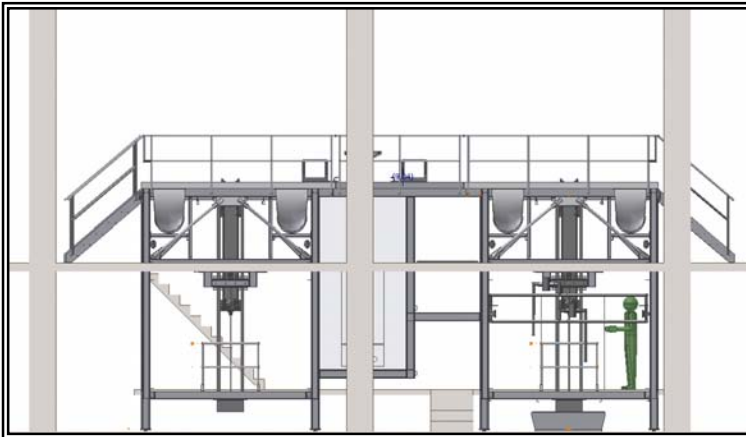
### Fully automatic FPI



- Fully automatized system save cost for workers. It is suitable for large-lot production

## Atypical installations

Based on requests of the customer we are capable of making unusual types of FPI



## Cleaning system

To provide an ecological working of the FPI ATG delivers cleaning system of rinsing water as a part of the FPI. The system is based on filtration through activ coil. The capacity of cleaning systems made by is up to 500l of filtered water for an hour. ATG cooperates with The Institute of Chemical Technology, Prague (ICT).



## Chemicals for penetration method

ATG distributes the manufacturer of chemicals for penetration method – the company Chemetall. The special product line for aerospace is called Ardrox.

**Chemetall**  
Aerospace Technologies

**ARDROX**<sup>®</sup>