

# ***Bespoke Services***

***CUSTOM AND CONTRACT MANUFACTURING***



**PLC programming in-house**

**Assembler coding and validation**

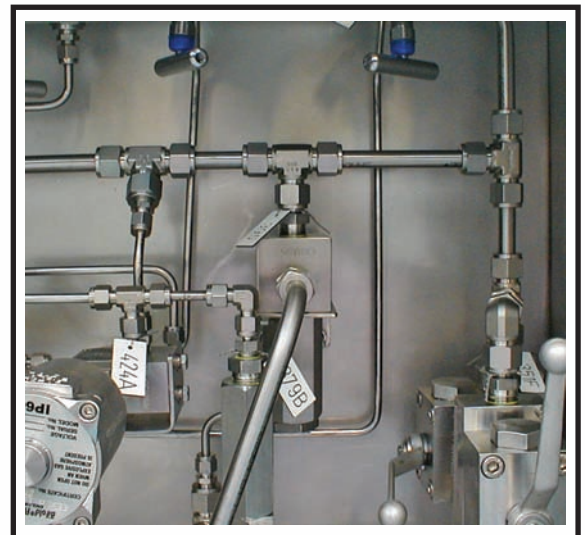
**PVC pipework designers**

**Swagelock certification**

**System integration and specialist packaging**

Orange Instruments offer a custom manufacturing and subcontract control system design capability. The company has assembled a specialist team of software programmers, highly competent in coding and integrating most PLC packages.

A complementary electronic hardware department and many years of pipework expertise add to the highly capable resource, available to customers requiring specialist or subcontracted design and manufacture.



# Custom design and manufacturing

## BESPOKE SPECIALIST SERVICES TO THE PROCESS INDUSTRIES

### SOFTWARE.

Orange Instrument's PLC software engineers are highly competent in most controllers available on the market including Siemens, Allen Bradley, Mitsubishi and Telemecanique.

In-house Instrument engineers are also familiar with assembler code PIC, Forth, C++.

HMI software application further contributes to the company's portfolio of skills.

Orange can also provide software validation where required.

### PIPEWORK

The company's expertise is primarily with PVC pipe work. Orange Instruments have designed and machined special manifold blocks and instrumentation assemblies.

The design and manufacturing teams also have engineers who are certified with Swagelok.

### MOULDED TANKS AND GRP HOUSINGS AND BESPOKE STEEL FRAMES

Orange Instruments have experience in designing moulded tanks used within portable processing equipment, housed within a bespoke steel frames and then enhanced by smart GRP housing with access doors.

### QUALITY MANUFACTURING

Orange Instruments have experience in manufacturing to international standards. The company is flexible in its approach to customer specified quality requirements. A typical example is the design and manufacture of a product to TUV approval leading to certification of a client's products sold into the US.

This is achieved this through close co-operation with customers and tight quality-controlled in-house manufacturing.

Orange Instruments supply bespoke control systems to the oil, petrochemical, gas, coal, nuclear, food and beverage, water treatment and household product sectors of the continuous process industry. The company has approvals ISO 9001:2000, Baseefa ATEX 1575, and is a Member of the HART Communications Foundation. Orange Instruments have been satisfying customers for more than three decades. They offer a comprehensive design and manufacturing service from concept, through system configuration, to final approval and supply.

