

## Technical capacities

*Mechanical design, probes and models*

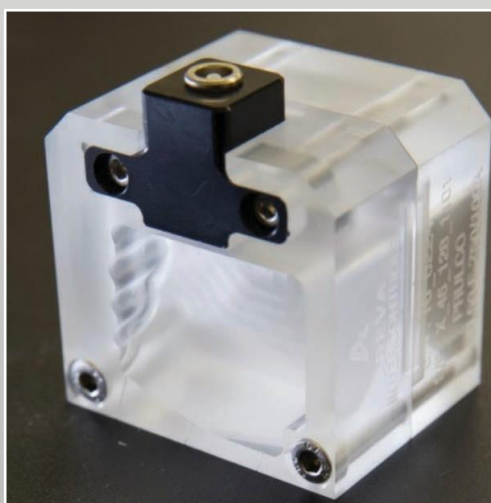


### Characteristics:

- Probes UT, ET and VT developpement
- Inspection models developpement
- Development of the tools required to manufacture the products

### Applications:

- UT and ET inspection of tubes from the inside and the outside
- Implementation of television inspections
- Detection and characterization of defects



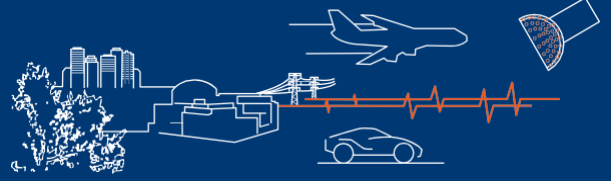
# framatome

## Technical and Projects department

Probes manufacturing section

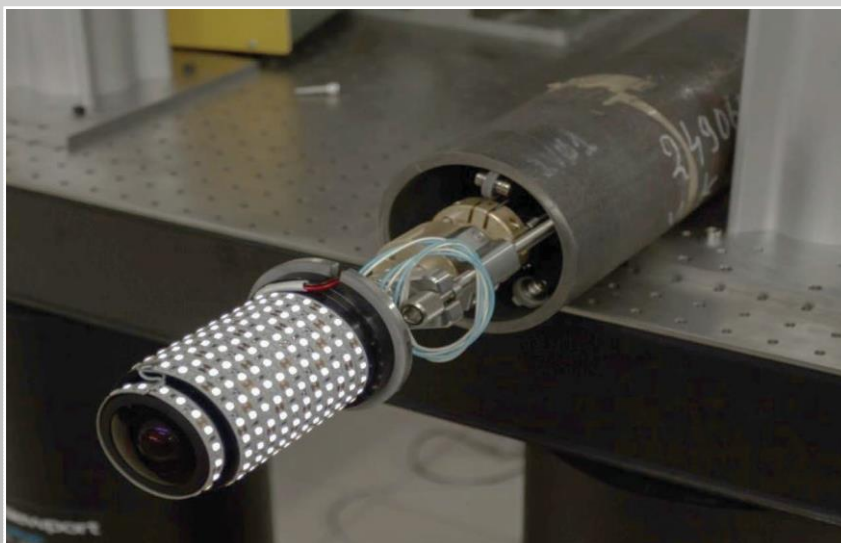
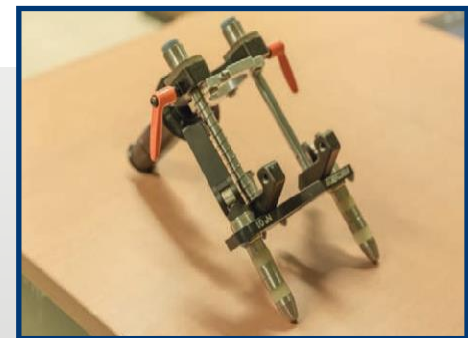
# Intercontrôle

## Non destructive testing



## Technical capacities

*Tooling design (small and medium sizes)*



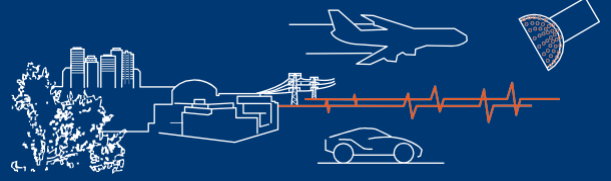
### Characteristics:

- Small tooling development for UT, ET and VT probes
- Manual or semi-automatic utilization
- **CE** certification

### Applications:

- For single application or for industrial products (medium series)
- Custom-made system according to a customer need

Your performance,  
our daily commitment



## Technical capacities

*Manufacturing: Custom connectors*

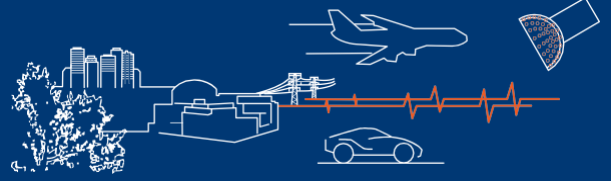


### Characteristics:

- Qualified personnel for binocular work
- Small welds (0.1 mm)
- Know-how in splices and cables
- Know-how in mounting and adjusting small mechanics

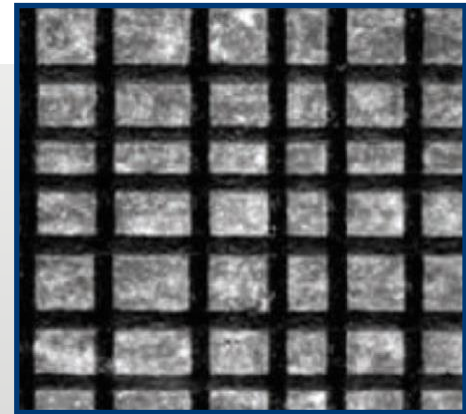
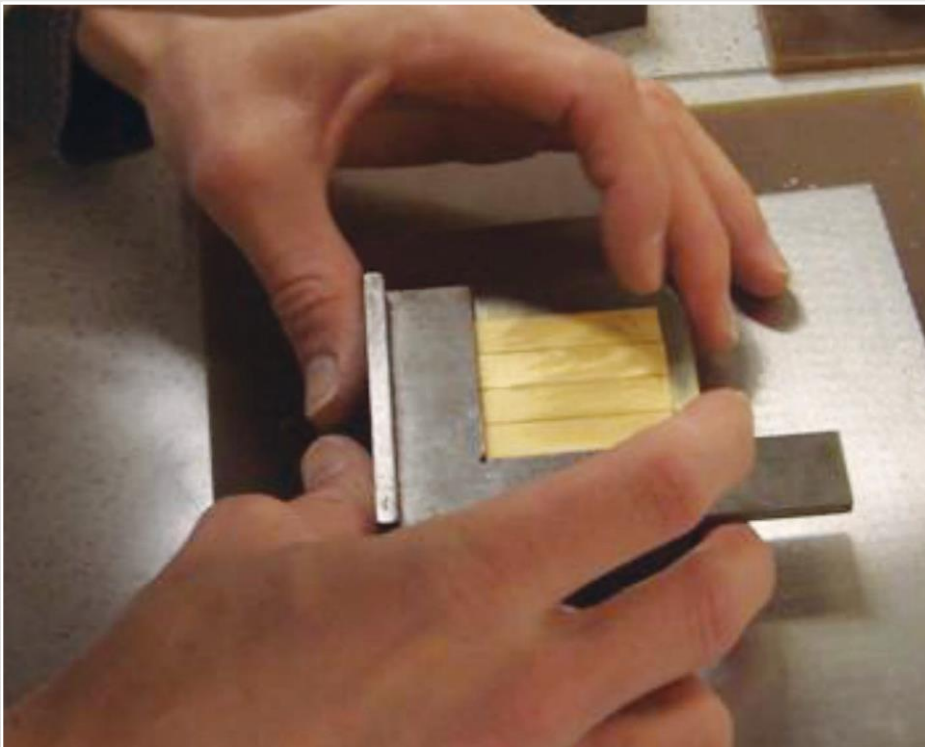
### Applications:

- Cable realization
- Placement of connectors
- Mechanical assembly and adjustment



## Technical capacities

*Manufacturing: UT probes -  
Realization of piezocomposites*



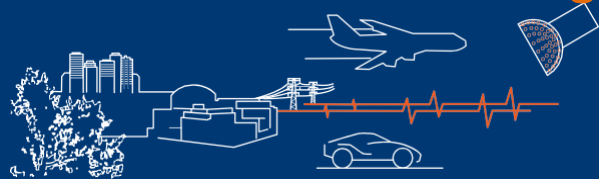
### Characteristics:

- Repeatability of piezocomposites
- Complete control of the production process
- Piezocomposite cutting according to customer specification

### Applications:

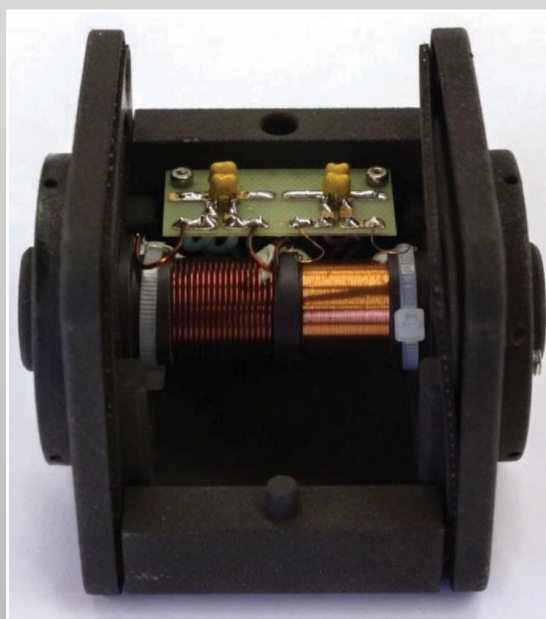
- Custom-made single-element and multi-element ultrasound probes





## Technical capacities

*Manufacturing: ET probes – Advanced winding*

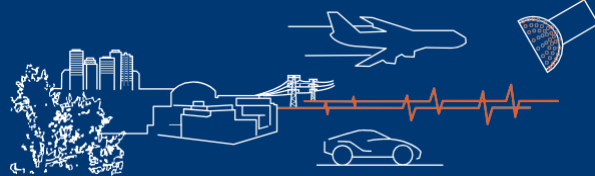


### Characteristics:

- Different cable diameters (from 0.04 mm to 0.8 mm)
- Different forms of coils according to customer needs

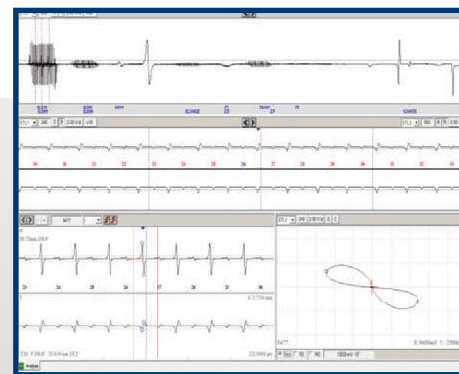
### Applications:

- Custom-made monoelement or multielement ET probes
- Coil shape on request



## Technical capacities

Manufacturing: *Recipe* and characterization of probes



### Characteristics:

- Constitution of the acceptance report
- Repeatability and reproducibility tests
- Inspection chain identical to those that used during the utilization of probes

### Applications:

- Creation and storage of Acceptance Minutes
- Testing probes on known defects to ensure proper operation