

ATG, s. r. o. office : Beranových 65 199 02 Praha 9- Letňany Czech Republic

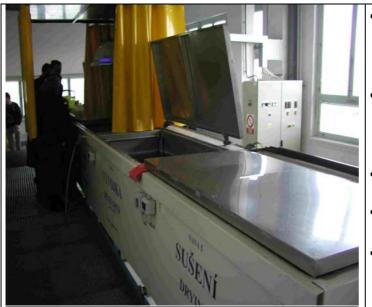
 Tel.:
 (+420) 234 312 201 - 4

 Fax:
 (+420) 234 312 205

 E-mail:
 atg@atg.cz

 http:
 www.atg.cz

### LPM 1000 RF SEMI AUTOMATED INSTALLATION FOR FPI TESTING OF MACHINED PARTS AEROSPACE INDUSTRY



Prague . (Czech Rep.)

installation

Time and cost effective solution of fluorecent penetrant inspection of parts with different sizes and mass

- 2 FPI precesses:
  - Water Washable –Level 2
  - Postemulsifier Level 3
- 100% surface inspection
- Comply with ASTM E 1209, MIL , EN .. standards

1993 (upgrade 2001)

 Approved by BOEING, EACD-AIRBUS, CLA, LATECOERE....

#### **Basic** specification

Dimensions of workplace :	• outer size 20 x10 x 5m	Other features :	• waste water cleaning unit
tank size	<ul> <li>outer 1700x950x850 mm</li> <li>inner 1500x600x500 mm</li> </ul>	Controls	<ul> <li>semi-automated processing in each technology tanks</li> </ul>
Power supply :	• 3x400V, 50Hz , 16kW	Manipulation - upload/ unload:	<ul> <li>technology baskets for parts</li> <li>upload / unload to line - rail hoist system</li> </ul>
Tested parts:	<ul> <li>tmachined AI parts for aerospace applications</li> <li>up to 50 kg and1400 x 500x 400 mm</li> <li>testing after machining</li> </ul>	Productivity:	<ul> <li>hunderts parts per shift</li> </ul>
Place of		Year of	

## **REFERENCE FILE**

installation





### FURTHER SPECIFICATIONS

#### main control unit offers functions:

- time control of stuff remaining in each tank
- temperature control in selected tank
- loading and unloading the basket with parts to the tank
- opening / closing of tanks lids
- checking of liquid level in tanks
- activation of bath
- activation of rinsing
- activation of drying

#### signalization the end of a process

- sound/alarm signal(after finishing all preset functions)
- signal light on control panel



## **REFERENCE FILE**



# **REFERENCE FILE**