

LPM 1000 RF

SEMI AUTOMATED INSTALLATION FOR FPI TESTING OF MACHINED PARTS AEROSPACE INDUSTRY



- **Time and cost effective solution of fluorescent 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**
- **Approved by BOEING, EACD-AIRBUS, CLA, LATECOERE....**

Basic specification

Dimensions of workplace :	<ul style="list-style-type: none"> outer size 20 x10 x 5m 	Other features :	<ul style="list-style-type: none"> waste water cleaning unit
tank size	<ul style="list-style-type: none"> outer 1700x950x850 mm inner 1500x600x500 mm 	Controls	<ul style="list-style-type: none"> semi-automated processing in each technology tanks
Power supply :	<ul style="list-style-type: none"> 3x400V, 50Hz , 16kW 	Manipulation - upload/ unload:	<ul style="list-style-type: none"> technology baskets for parts upload / unload to line - rail hoist system
Tested parts:	<ul style="list-style-type: none"> tmachined Al parts for aerospace applications up to 50 kg and1400 x 500x 400 mm testing after machining 	Productivity:	<ul style="list-style-type: none"> hunderts parts per shift

Place of installation	Prague . (Czech Rep.)	Year of installation	1993 (upgrade 2001)
------------------------------	------------------------------	-----------------------------	-----------------------------

REFERENCE FILE



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

