

Ensuring performances and availability

FTPA2000-260 Series FTIR Process Analyzer



Keeping performances and availability of FTPA2000-260 Series analyzer is essential. ABB offers full service contracts, components and customer training to assist in service and maintenance over the lifetime of the analyzers.

Measurement made easy

FTPA2000-260

Introduction

FTPA2000-260 Series FT-NIR process analyzer is extremely widespread around the world. The application covered by this kind of analyzer is various, all the different types of industries are equipped.

The measurement supplied by FTPA2000-260 Series FTIR process analyzer are generally focus on optimization or quality control and therefore are important production staff.

Blending in refineries, solvent recovery in pharmaceutical industries or acid concentration monitoring in semiconductor plants demands a highly reliable and accurate analyzer.

To ensure factory performances, availability over time and safety compliance (for FTPA2000-HP260X), ABB recommends following a maintenance schedule for the FTPA2000-260 Series process FTIR analyzer.

ABB Service program ensure the customer to get the analyzer reaching the ABB factory specifications and performances and minimizing downtime. ABB is committed to keep on informing its customer for the long-term and safe operation and to provide safety-first products and services.

We encourage all our users to read this document as it contains important information regarding ABB FTPA2000-260 Series analyzer.

An overview of the recommended maintenance schedule for the FTPA2000-260 Series analyzer is presented in this document as well as upgrade and support solution.

6 years preventive maintenance table

Component	Sub-Component		1 Year	2 Years	3 Years	4 Years	5 Years	6 Years
FTPA2000-260 Spectrometer	Reference (current and initial)	Update with source module replacement		✓	✓	✓	✓	✓
	NIR Source	Replace pre-aligned source module		✓	✓	✓	✓	✓
	Laser module				Replace pre-aligned module			Replace pre-aligned module
	Power supply							12V and 15V replacement
	FTSW control panel Validation	Closed loop optical fiber validation		✓	✓	✓	✓	✓
	Probe/cell Validation	Validation with factory template		✓	✓	✓	✓	✓
	FTSW100 Process Software	Update software/firmware Install Hotfixes		✓	✓	✓	✓	✓
	Controller (industrial computer)							Replace or update controller
FTPA2000-HP260X CSA and Cenelec version	Operational tests		✓	✓	✓	✓	✓	✓
	Temperature checks		✓	✓	✓	✓	✓	✓
	Pressure tests		✓	✓	✓	✓	✓	✓
HPI	Toluene Validation and config. stretch update		✓	✓	✓	✓	✓	✓
	ACC115 Sample maintenance	Oring replacement Windows cleaning		✓	✓	✓	✓	✓
	Sample conditioning			Vortex replacement		✓		
	Sample conditioning	Sample filter replacement		✓	✓	✓	✓	✓
Chemical	Sample Cell/Probe maintenance	Oring replacement and body/windows cleaning		✓	✓	✓	✓	✓
	Sample conditioning			Vortex replacement		✓		
	Sample conditioning	Sample filter replacement		✓	✓	✓	✓	✓
Pharma	Sample Cell/Probe maintenance	Oring replacement and body/windows cleaning		✓	✓	✓	✓	✓
	Analyzer qualification	IQ/OQ Qualification using certified standards		✓	✓	✓	✓	✓
	ABB Representative report signature		✓	✓	✓	✓	✓	✓

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