FRONIUS

SHIFTING THE LIMITS

SOFTWARE FPA-XPLORER

/ Welding-data documentation, visualisation, archiving
and parameter-programming on PC's

/ Software with a wide variety of functions for easy creating, visualizing and archiving of welding process data for
FPA 2020 / 2030 and FPA 3020 / 3030 system controllers.

PROGRAM OVERVIEW

/ OVERVIEW

/ Shows all properties of the
selected system-controller

/ PROGRAM

/ Administrate, edit and backup
welding programs

/ BROWSER

/ Overview about the managed
devices incl. actual status
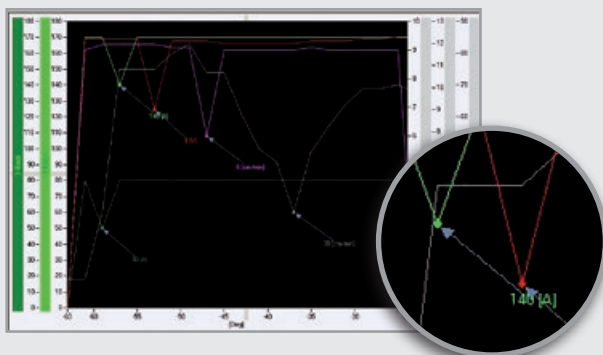display

/ AVR

/ Visualizing, analyzing and
archiving of recorded actual
values.
/ Download from USB flash drive
or direct via network connection
(online-version)

/ EVENTS / ALARMS

/ Download log-files stored on USB
flash drive or direct download via
network connection (Online-
version)
/ Live-display of alarm messages
(online-version)

VISUALIZE, BACKUP AND ANALYZE PROCESS DATA

AVR (Actual Value Record) visualizes process data, stored
onto a flash drive.
Additionally the online-version of the FPA-Xplorers enables
real-time view and -recording of process data.
All recorded data can be archived for later analysis and
allows an all-over retracing for quality management

/ Graphical display of process data and limit exceeds

CREATE & EDIT PROGRAMS

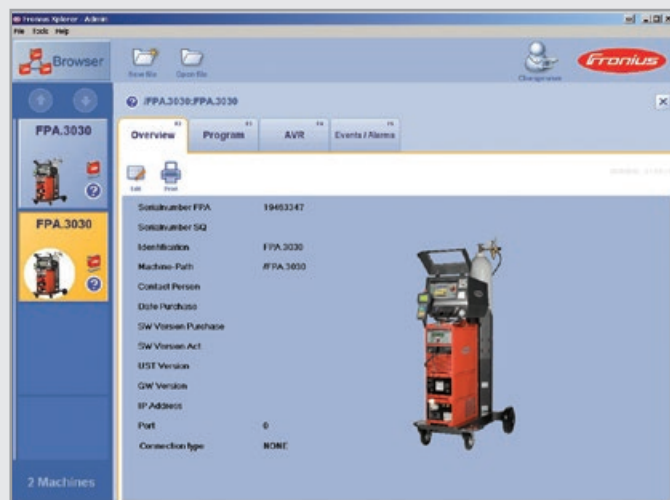Easy creating of welding programs with the program editor.
Automatic comparing of programs between control unit and the
FPA-Xplorer database.
Synchronisation in both directions possible.

Parameter Name	Parameter Value	Par
Program Name	TOBBI_1	
Saved from:	FPA.1	
Saved when:	2009/05/27 10:30:48.515	
Diameter	219,1	mm
Wall thickness	3,0	mm
Material	2	
Return Travel	0	
AC Welding	0	
Weld Mode (AC / DC)	6	
Roll-Up	0	
Roll-Up-Path	360	Dec
Total Path	366	Dec

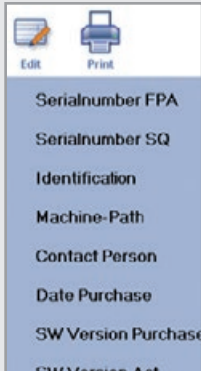*/ Program editor*

ADMINISTRATE DEVICES/STATUS OVERVIEW

BASIC FUNCTIONS

/ Creating, visualizing and archiving of process-parameters
/ Displaying, recording and archiving of event data
   (Log-files) stored on USB flash drives
/ Management-central for several devices
/ Data transfer via USB flash drive
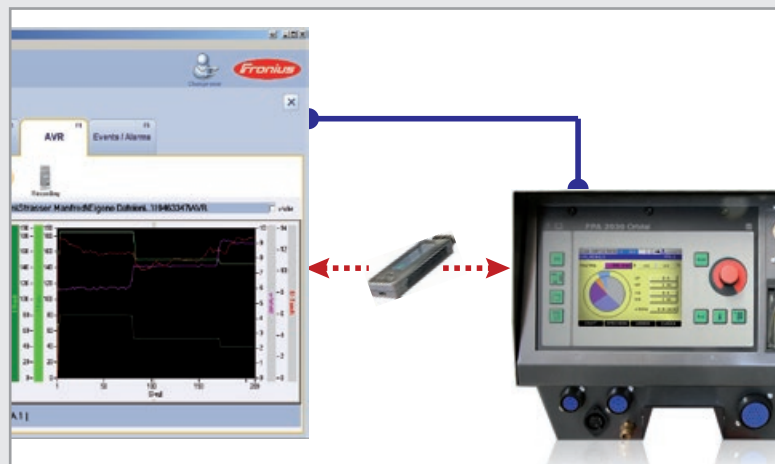/ Printout all stored data
/ Search function with filters

The overview-tab shows detailed
information about controller properties
(e.g. controller-type, serial number,
SW-version, etc.)

The online-version of the FPA-Xplorer
allows furthermore the automatically
identification of the connected system-
controller and shows its actual status in
the browser sidebar.

ENHANCED FUNCTIONS OF THE ONLINE-VERSION

/ Live-visualization of actual values in graphical or numerical
   form
/ Live-display of alarm messages
/ Direct download of process-, event- and log- files from the
   controller
/ Direct upload of programs to the controller
/ Automatically identification of connected devices
/ Automatic comparing programs between controller and
   FPA Xplorer database
/ Synchronization in both directions

DATA TRANSFER ONLINE OR OFFLINE

The data transfer between system controller and the FPA-Xplorer can either be done via USB flash drive or an ethernet network connection (online-version).

SCOPE OF DELIVERY

/ CD-Rom FPA-Xplorer
/ USB-Dongle
/ Documentation

Additional items of the Online-version:
/ PVI-Dongle
/ Ethernet cabel
/ USB -> ethernet adaptor

/ Perfect Welding / Solar Energy / Perfect Charging

WE HAVE THREE DIVISIONS AND ONE PASSION: SHIFTING THE LIMITS OF POSSIBILITY.

/ Whether welding technology, photovoltaics or battery charging technology – our goal is clearly defined: to be the innovation leader. With around 3,300 employees worldwide, we shift the limits of what's possible - our record of over 900 granted patents is testimony to this. While others progress step by step, we innovate in leaps and bounds. Just as we've always done. The responsible use of our resources forms the basis of our corporate policy.

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