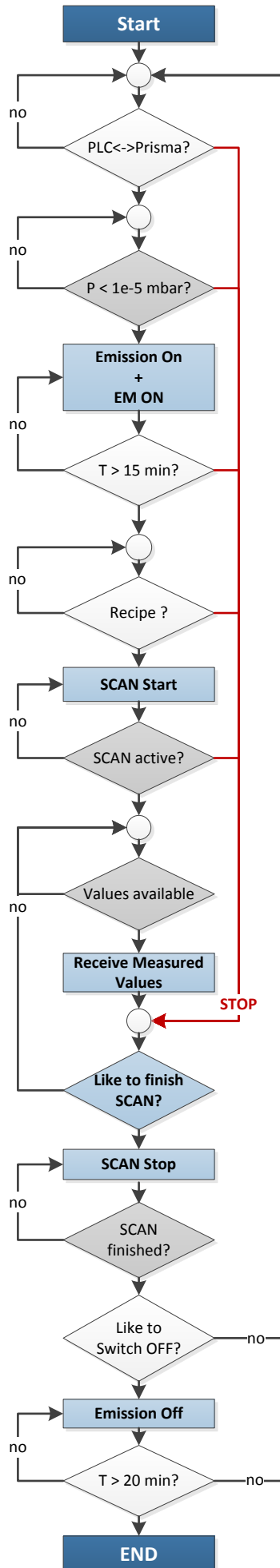
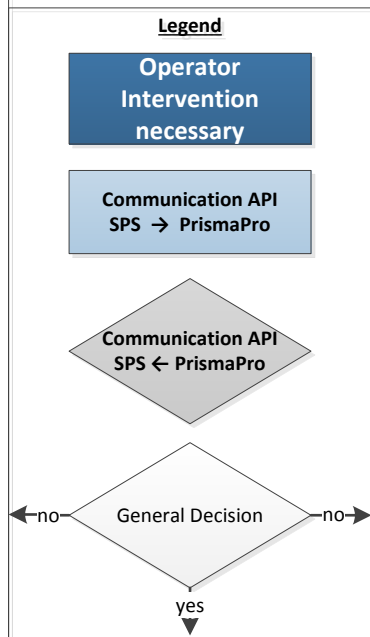


To protect the filaments, switch OFF the Emission when the Pressure of the external Pressure Gauge will be  $P_{max} > 1.0e-4$  mbar ( $P_{max}$  shall be adjustable)

**In Emergency case Set Emission OFF immediately**

If you use a Valve in front of the PrismaPro, (between PrismaPro and Vacuum Chamber), please always Set Emission OFF, before you open this valve.



Main switch On / Pumping unit On

Communication is running

Pressure OK  
Ext: Pressure Gauge

Set Emission ON  
Set Multiplier ON

Heating-up phase OK

Recipe loaded

Set SCAN Start

SCAN running?

One SCAN-Run finished?  
Or Measured Values are available?

Mass + Current values transmitted to PLC

In Emergency case Set SCAN Stop „immediately“ + Set Emission OFF

Like to finish SCAN

Set SCAN to Stop „after Run“

SCAN finished?

Should the machine switched OFF?

Set Emission OFF

Cool down period for Filament OK?

Switch pumping unit OFF