

Automatic

Manual

Recipe Name

Data Log Interval

Created

Recipe Length

New
Load
Save
Run

Step Library

Edit
New
Copy
Delete

Chamber 1

- 1. pump
- 2. pre heat
- 3. set up pressure
- 4. Repeat 40
- 5. DOSE 3DMAS
- 6. PURGE 3DMAS
- 7. Divert Argon
- 8. O2 Plasma
- 9. Post Plasma purge
- 10. Loop
- 11. pump
- *

Empty area for Chamber 1 steps.



Process Step Editor

Step Name

OK Cancel

START STOP PAUSE

STEP TIME

PUMP TO PRESSURE

IGNORE TOLERANCE

LOG INTERVAL

Total Steps	Recipe Length	Total Cycles
<input type="text"/>	<input type="text"/>	<input type="text"/>
Completed	Time Left	Completed
<input type="text"/>	<input type="text"/>	<input type="text"/>

PROCESS MODE

TURBO ROUGH

TABLE HEATER Deg.C

HEATER READY

APC CONTROLLER

Set Pressure	<input type="text" value="0.0"/>	Set Position	<input type="text" value="0.0"/>
Chamber Pressure	<input type="text"/>	Valve Position	<input type="text"/>

Pressure Position

RF GENERATOR

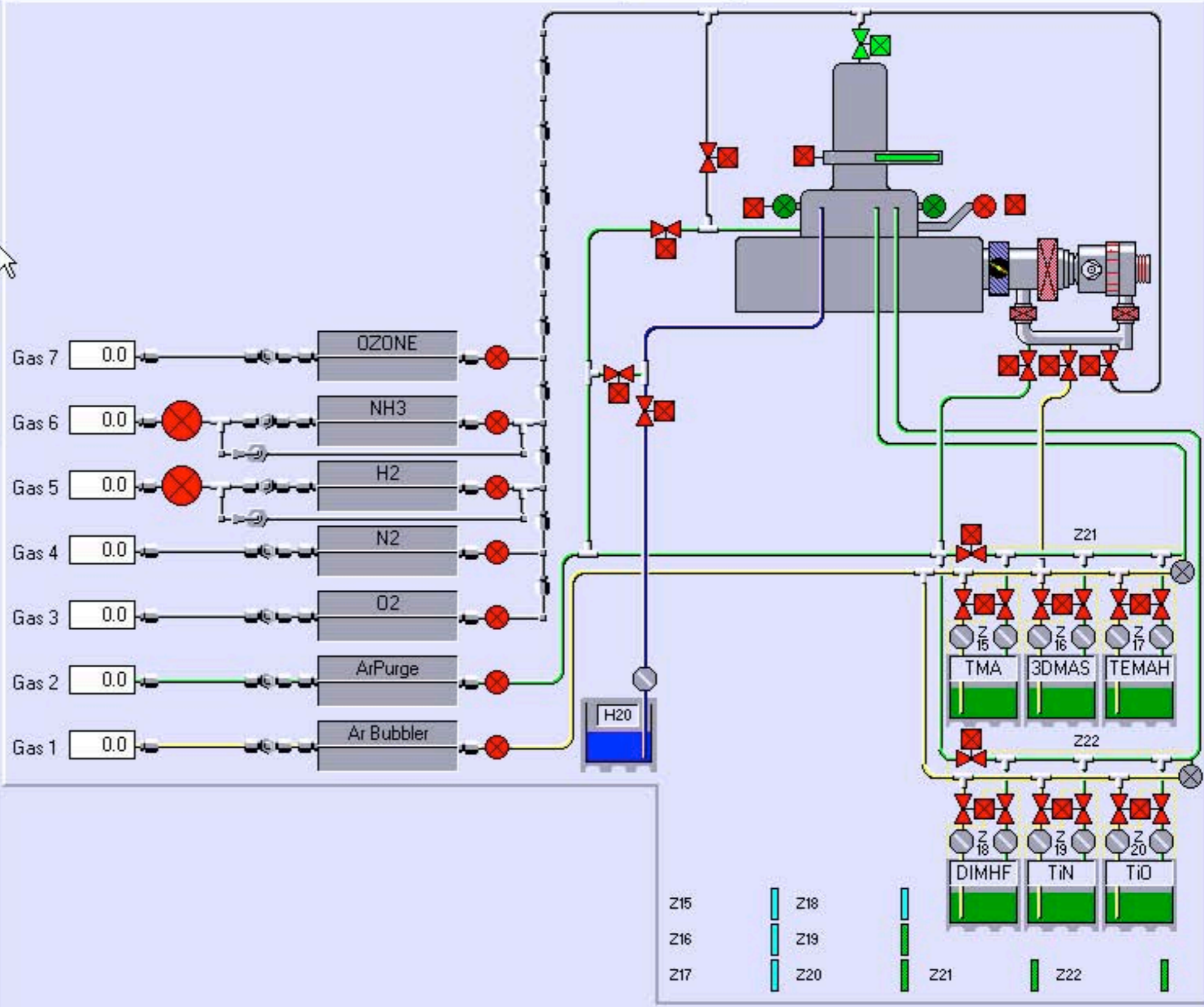
Forward Power

Reflected Power

RF AUTOMATCH

CAPACITOR 1	<input type="text" value="0.0"/>	CAPACITOR 2	<input type="text" value="0.0"/>
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AUTO MANUAL HOLD



Process Step Editor

Step Name

START STOP PAUSE

STEP TIME

PUMP TO PRESSURE

IGNORE TOLERANCE

LOG INTERVAL

Total Steps:
 Recipe Length:
 Total Cycles:

Completed:
 Time Left:
 Completed:

PROCESS MODE
 TURBO ROUGH

TABLE HEATER Deg.C
 HEATER READY

APC CONTROLLER

Set Pressure:
 Chamber Pressure:

Set Position:
 Valve Position:

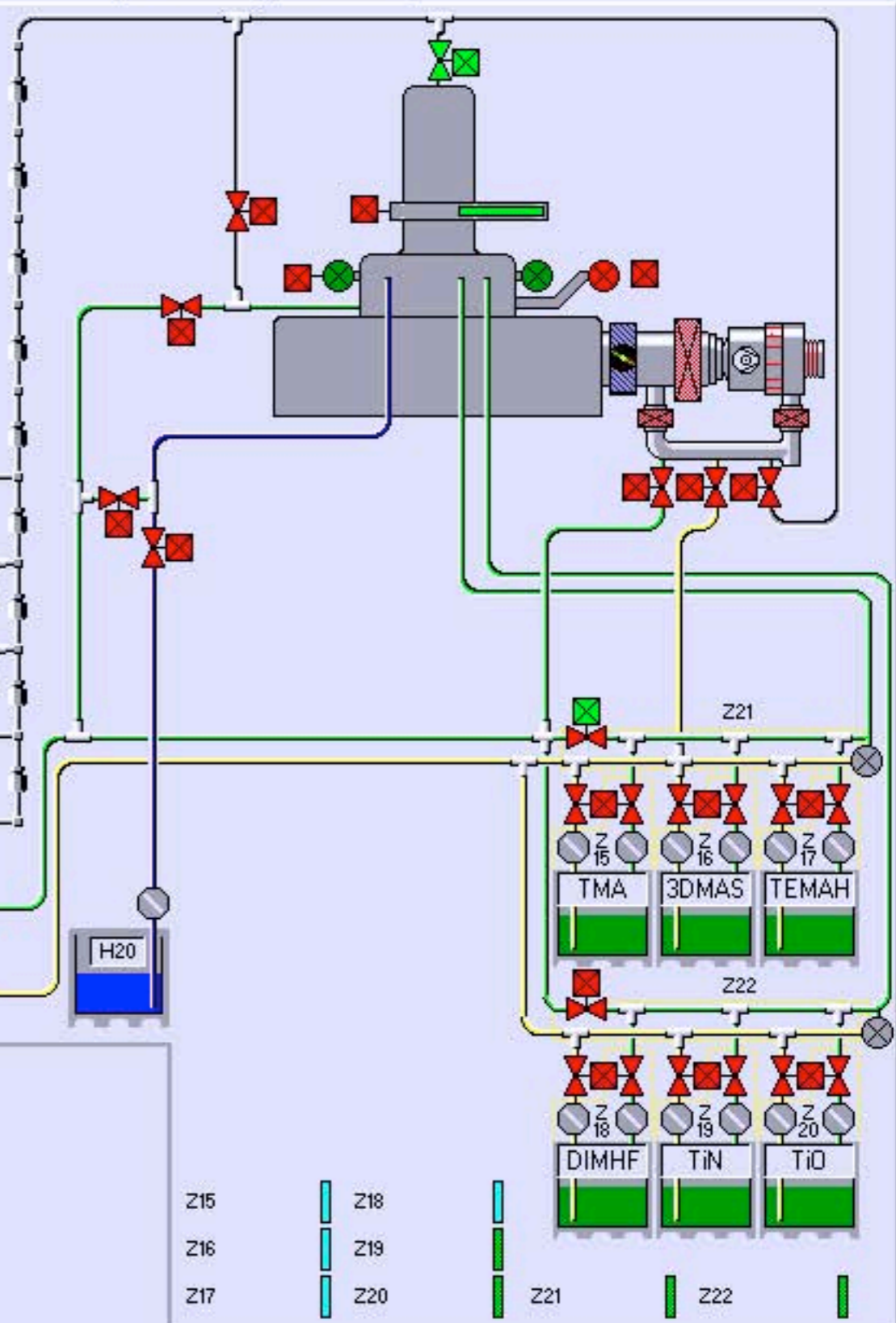
Pressure Position

RF GENERATOR
 Forward Power:
 Reflected Power:

RF AUTOMATCH
 CAPACITOR 1: CAPACITOR 2:

AUTO MANUAL HOLD

- Gas 7 OZONE
- Gas 6 NH3
- Gas 5 H2
- Gas 4 N2
- Gas 3 O2
- Gas 2 ArPurge
- Gas 1 Ar Bubbler



- Z15
- Z16
- Z17
- Z18
- Z19
- Z20
- Z21
- Z22

Process Step Editor

Step Name

OK

Cancel

START STOP PAUSE

STEP TIME

PUMP TO PRESSURE

IGNORE TOLERANCE

LOG INTERVAL

Total Steps:
 Recipe Length:
 Total Cycles:

PROCESS MODE
 TURBO ROUGH

TABLE HEATER Deg.C
 HEATER READY

APC CONTROLLER

Set Pressure:
 Chamber Pressure:

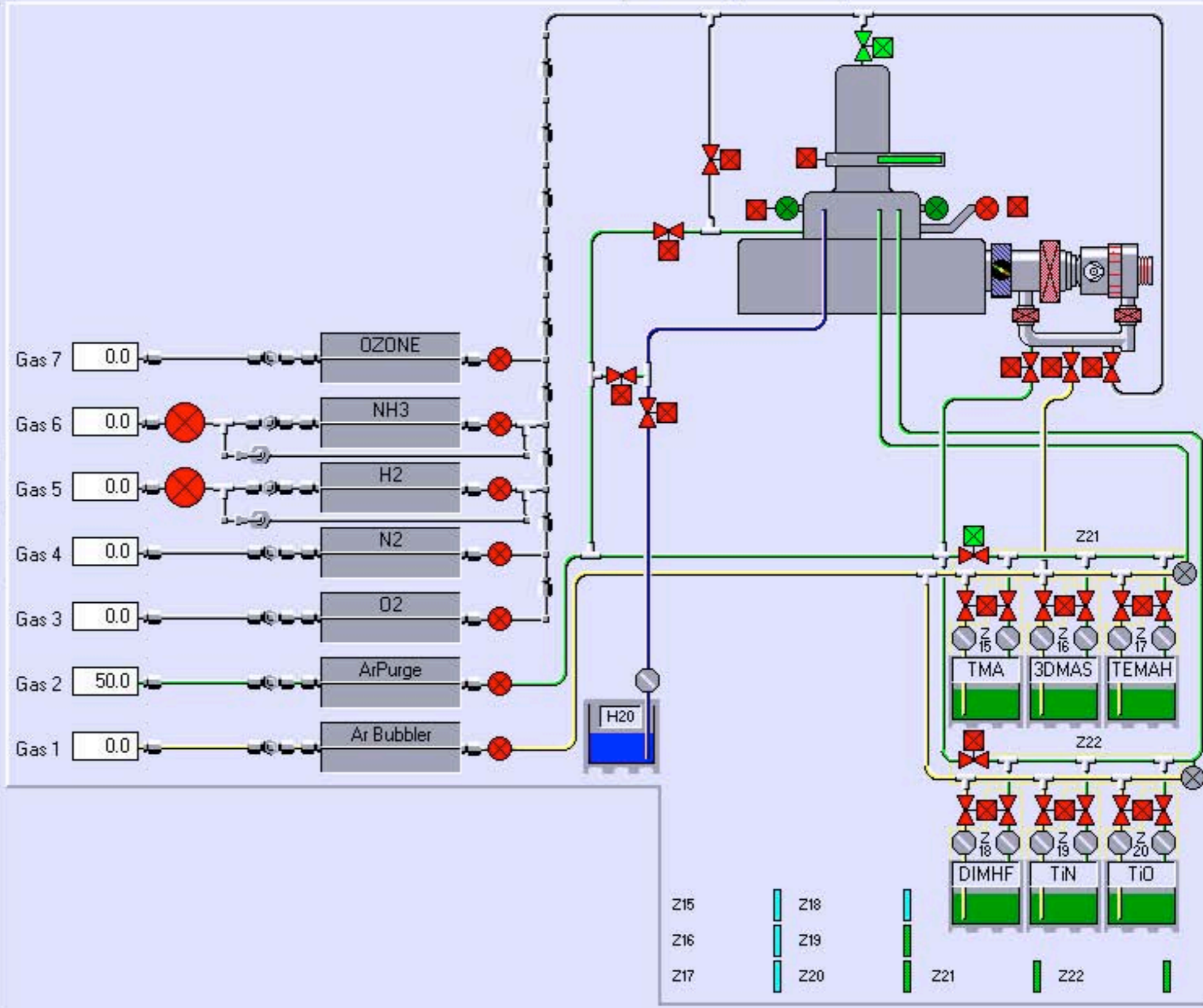
Set Position:
 Valve Position:

Pressure Position

RF GENERATOR
 Forward Power:
 Reflected Power:

RF AUTOMATCH
 CAPACITOR 1: CAPACITOR 2:

AUTO MANUAL HOLD



Process Step Editor

Step Name

START STOP PAUSE

STEP TIME

PUMP TO PRESSURE

IGNORE TOLERANCE

LOG INTERVAL

Total Steps
 Completed

Recipe Length
 Time Left

Total Cycles
 Completed

PROCESS MODE

TURBO ROUGH

TABLE HEATER Deg.C

HEATER READY

APC CONTROLLER

Set Pressure
 Chamber Pressure

Set Position
 Valve Position

Pressure Position

RF GENERATOR

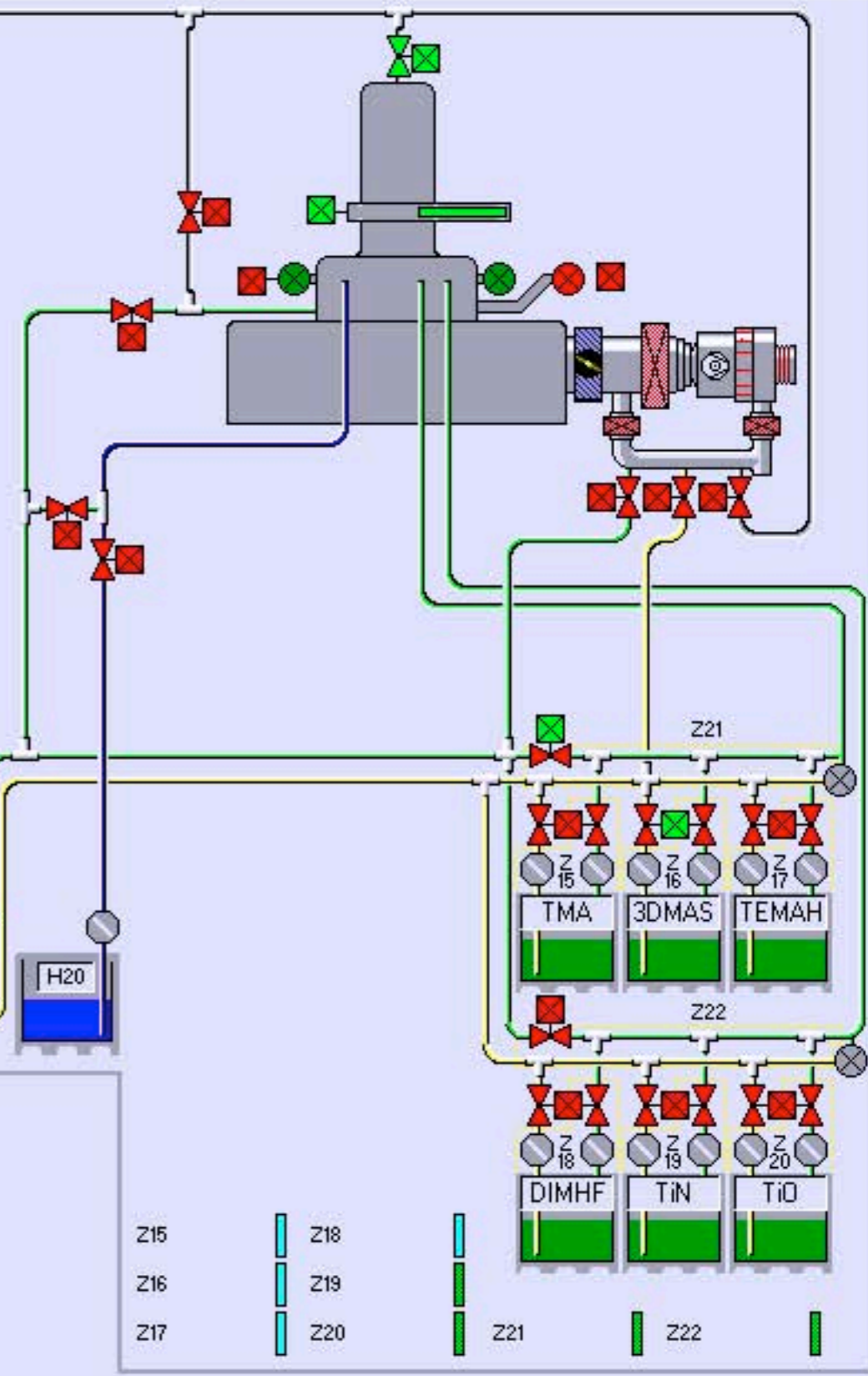
Forward Power
 Reflected Power

RF AUTOMATCH

CAPACITOR 1 CAPACITOR 2

AUTO MANUAL HOLD

Gas 7	<input type="text" value="0.0"/>	<input type="checkbox"/>	OZONE	<input type="checkbox"/>
Gas 6	<input type="text" value="0.0"/>	<input checked="" type="checkbox"/>	NH3	<input type="checkbox"/>
Gas 5	<input type="text" value="0.0"/>	<input checked="" type="checkbox"/>	H2	<input type="checkbox"/>
Gas 4	<input type="text" value="0.0"/>	<input type="checkbox"/>	N2	<input type="checkbox"/>
Gas 3	<input type="text" value="0.0"/>	<input type="checkbox"/>	O2	<input type="checkbox"/>
Gas 2	<input type="text" value="50.0"/>	<input type="checkbox"/>	ArPurge	<input type="checkbox"/>
Gas 1	<input type="text" value="0.0"/>	<input type="checkbox"/>	Ar Bubbler	<input type="checkbox"/>



Process Step Editor

Step Name **PURGE 3DMAS**

OK Cancel

START STOP PAUSE

STEP TIME

00 00 02 000

PUMP TO PRESSURE

7.50e-09

IGNORE TOLERANCE

LOG INTERVAL

00 00 00 125

Total Steps: [] Completed: []

Recipe Length: [] Time Left: []

Total Cycles: [] Completed: []

PROCESS MODE

TURBO ROUGH

TABLE HEATER Deg.C

300 0

HEATER READY

APC CONTROLLER

Set Pressure: 15.0 Chamber Pressure

Set Position: 0.0 Valve Position

Pressure Position

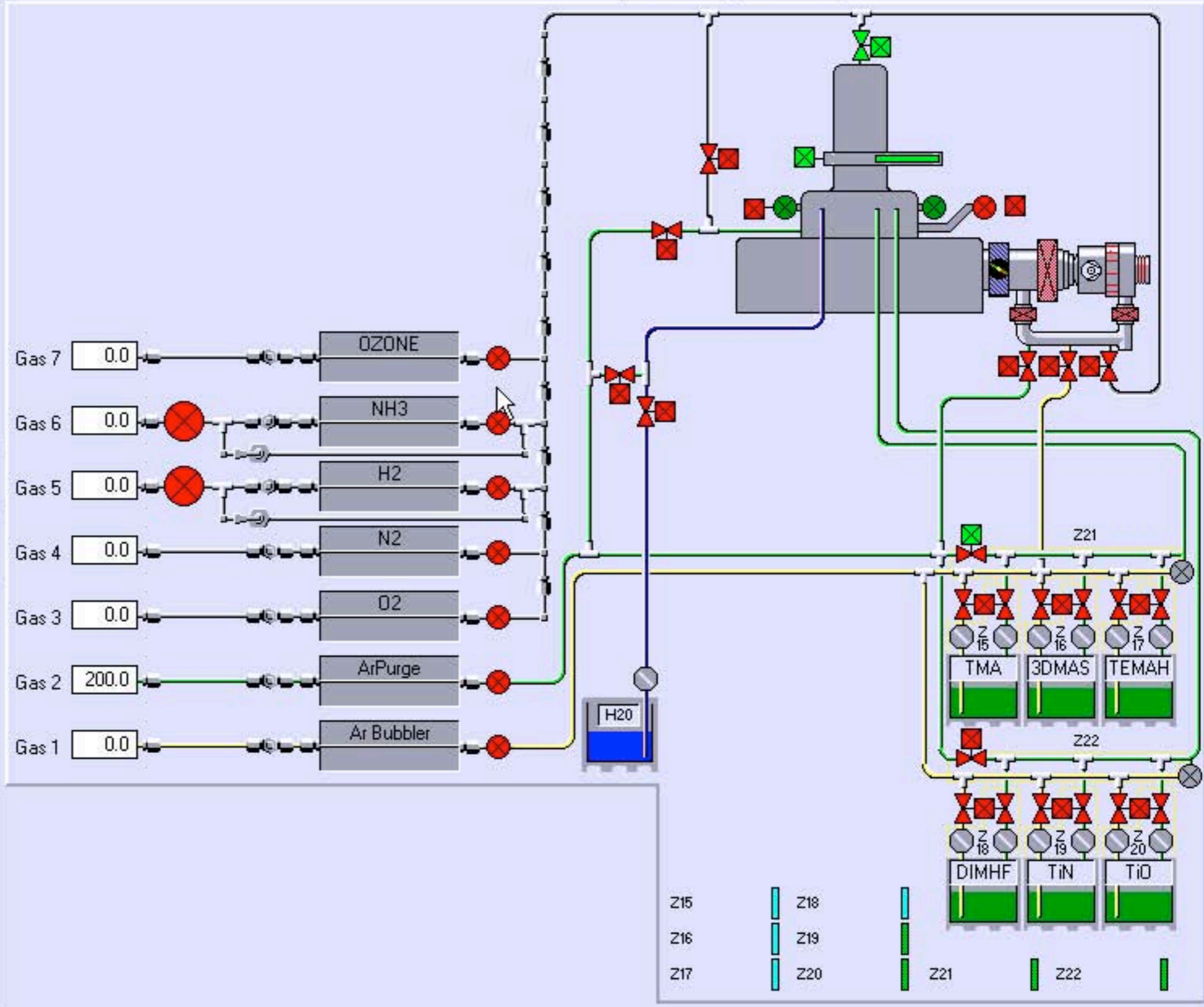
RF GENERATOR

Forward Power: 0 Reflected Power: []

RF AUTOMATCH

CAPACITOR 1: 0.0 CAPACITOR 2: 0.0

AUTO MANUAL HOLD



Z15	Z18	Z21
Z16	Z19	Z22
Z17	Z20	

Process Step Editor

Step Name

START STOP PAUSE

STEP TIME

PUMP TO PRESSURE

IGNORE TOLERANCE

LOG INTERVAL

Total Steps	Recipe Length	Total Cycles
<input type="text"/>	<input type="text"/>	<input type="text"/>
Completed	Time Left	Completed
<input type="text"/>	<input type="text"/>	<input type="text"/>

PROCESS MODE

TURBO ROUGH

TABLE HEATER Deg.C

HEATER READY

APC CONTROLLER

Set Pressure	Set Position
<input type="text" value="20.0"/>	<input type="text" value="0.0"/>
Chamber Pressure	Valve Position
<input type="text"/>	<input type="text"/>

Pressure Position

RF GENERATOR

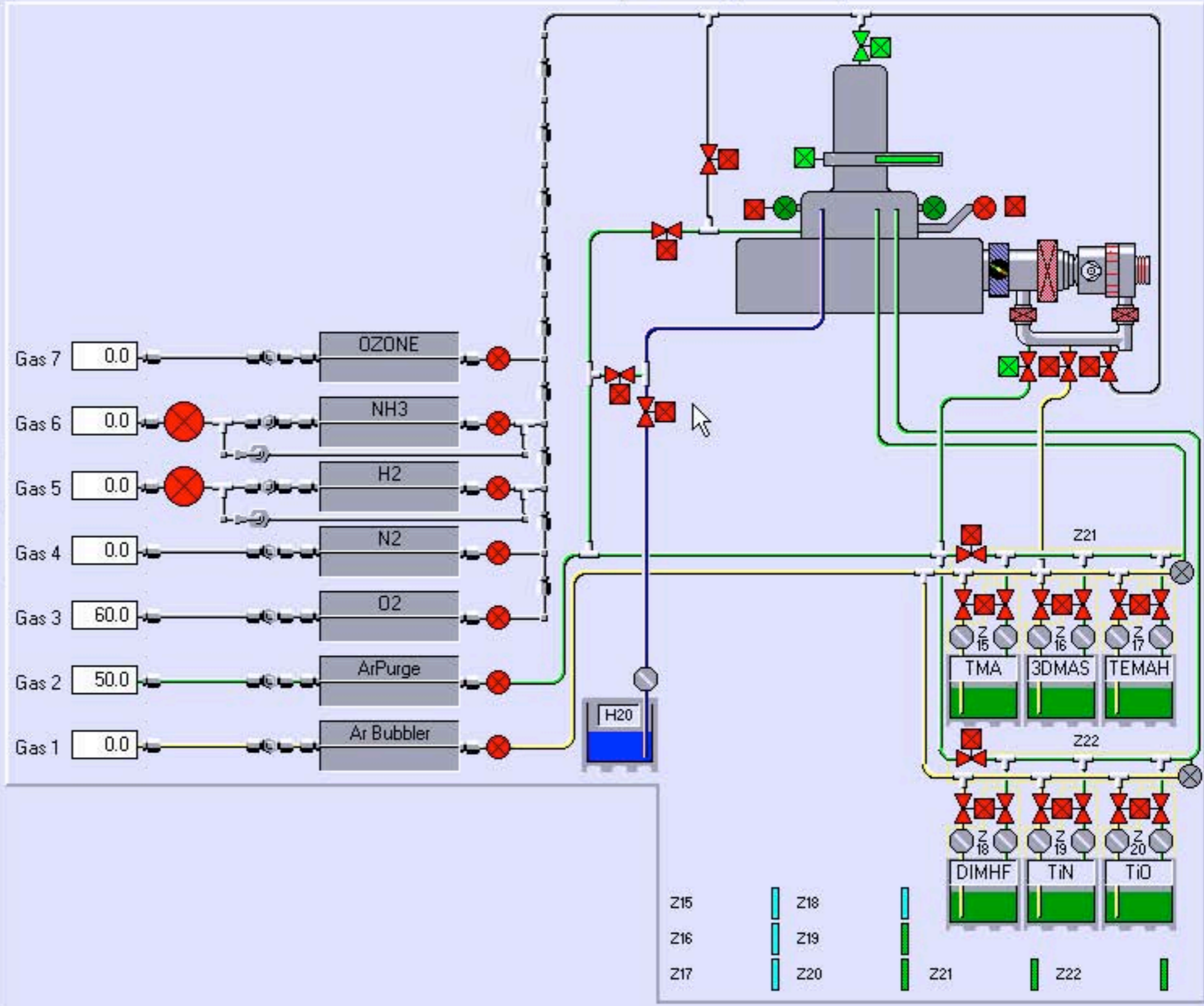
Forward Power

Reflected Power

RF AUTOMATCH

CAPACITOR 1	CAPACITOR 2
<input type="text" value="0.0"/>	<input type="text" value="0.0"/>

AUTO MANUAL HOLD



Process Step Editor

Step Name

OK Cancel

START STOP PAUSE

STEP TIME

PUMP TO PRESSURE

IGNORE TOLERANCE

LOG INTERVAL

Total Steps	Recipe Length	Total Cycles
<input type="text"/>	<input type="text"/>	<input type="text"/>
Completed	Time Left	Completed
<input type="text"/>	<input type="text"/>	<input type="text"/>

PROCESS MODE

TURBO ROUGH

TABLE HEATER Deg.C

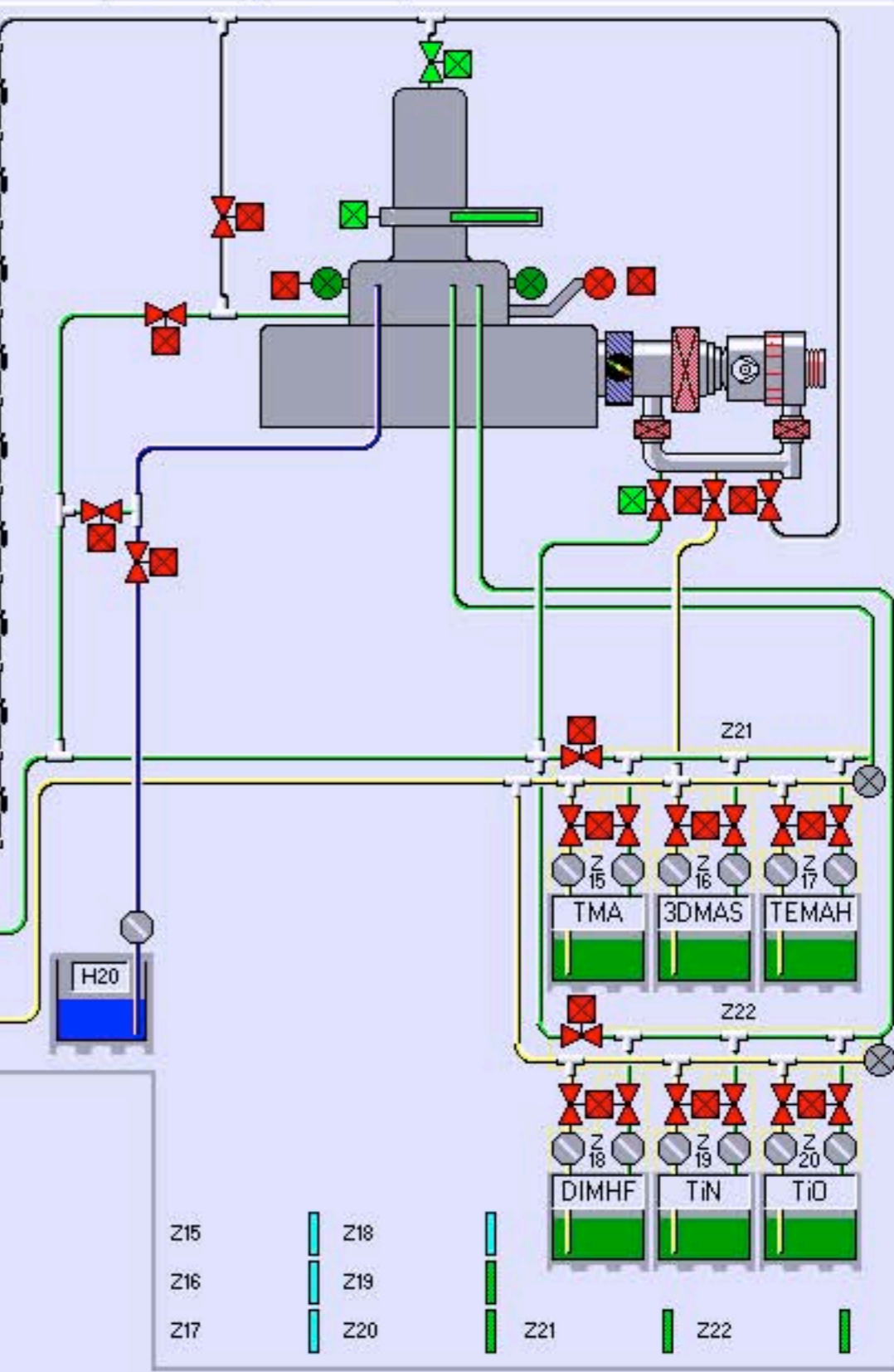
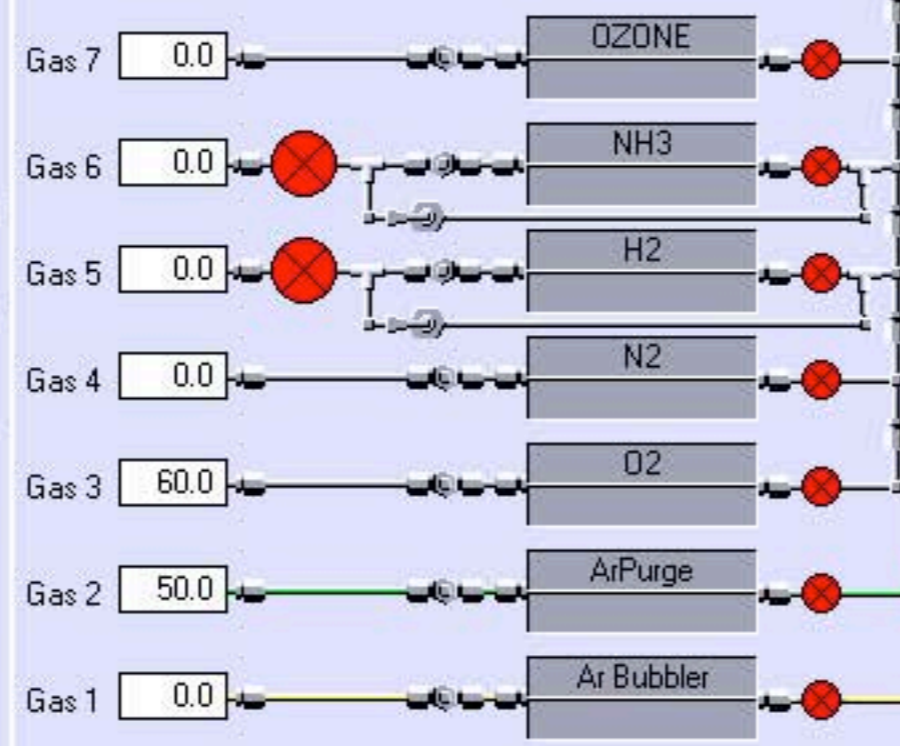
HEATER READY

APC CONTROLLER

Set Pressure	Set Position
<input type="text" value="20.0"/>	<input type="text" value="0.0"/>
Chamber Pressure	Valve Position
<input type="text"/>	<input type="text"/>

Pressure Position

RF GENERATOR	RF AUTOMATCH	
Forward Power	CAPACITOR 1	CAPACITOR 2
<input type="text" value="250"/>	<input type="text" value="0.0"/>	<input type="text" value="0.0"/>
Reflected Power	<input checked="" type="radio"/> AUTO <input checked="" type="radio"/> MANUAL <input checked="" type="radio"/> HOLD	



Process Step Editor

Step Name

START STOP PAUSE

STEP TIME

PUMP TO PRESSURE

IGNORE TOLERANCE

LOG INTERVAL

Total Steps	Recipe Length	Total Cycles
<input type="text"/>	<input type="text"/>	<input type="text"/>
Completed	Time Left	Completed
<input type="text"/>	<input type="text"/>	<input type="text"/>

PROCESS MODE

TURBO ROUGH

TABLE HEATER Deg.C

HEATER READY

APC CONTROLLER

Set Pressure	Set Position
<input type="text" value="80.0"/>	<input type="text" value="0.0"/>
Chamber Pressure	Valve Position
<input type="text"/>	<input type="text"/>

Pressure Position

RF GENERATOR

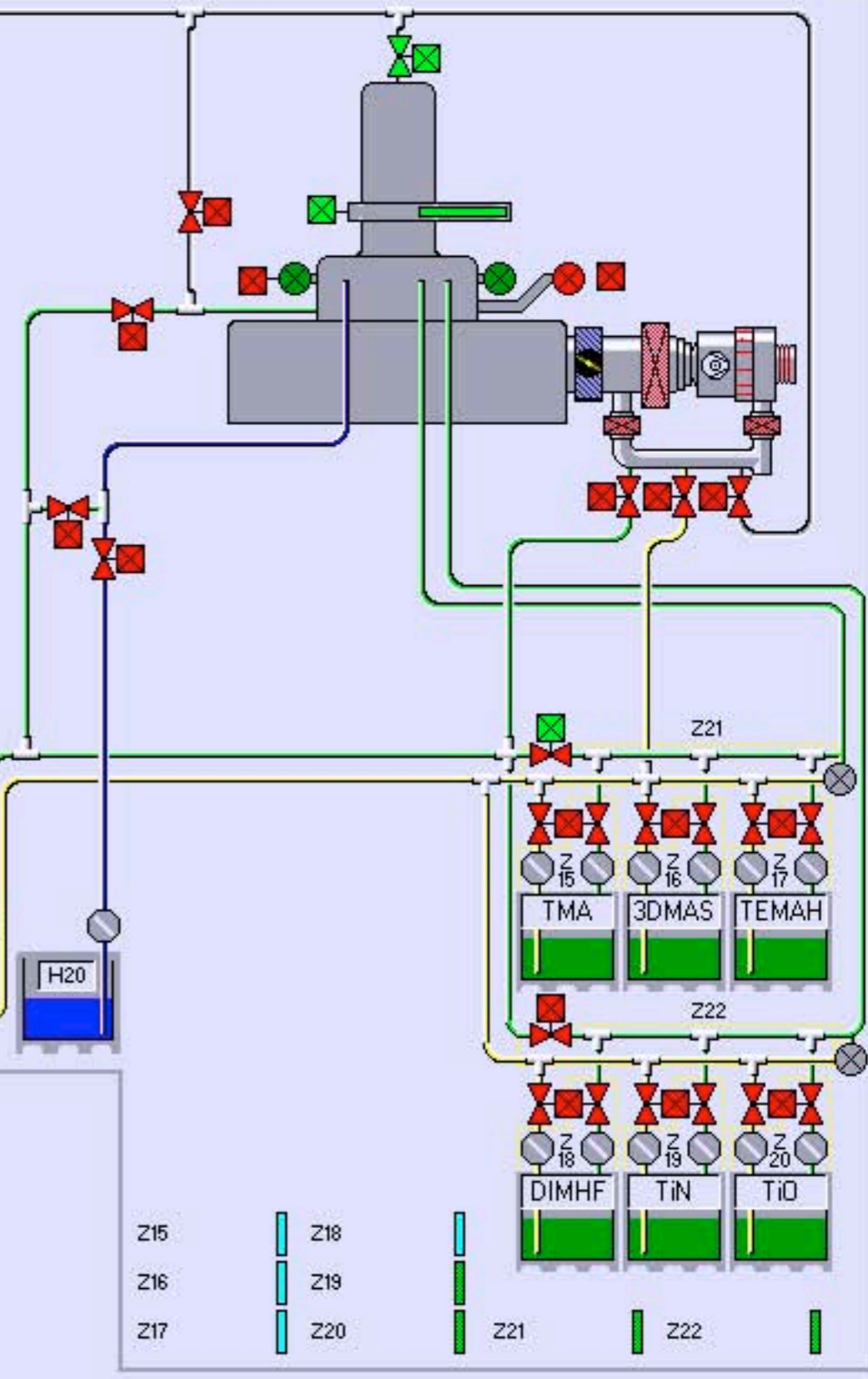
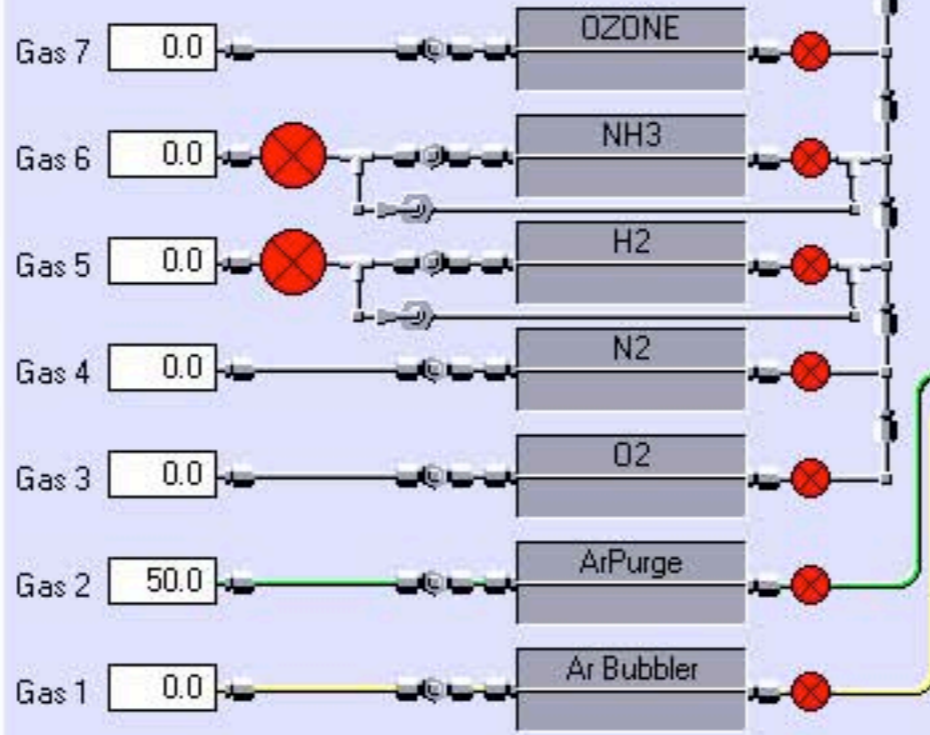
Forward Power

Reflected Power

RF AUTOMATCH

CAPACITOR 1	CAPACITOR 2
<input type="text" value="0.0"/>	<input type="text" value="0.0"/>

AUTO MANUAL HOLD



Process Step Editor

Step Name

OK Cancel

START STOP PAUSE

STEP TIME

PUMP TO PRESSURE

IGNORE TOLERANCE

LOG INTERVAL

Total Steps:
 Recipe Length:
 Total Cycles:

PROCESS MODE
 TURBO ROUGH

TABLE HEATER Deg.C
 HEATER READY

APC CONTROLLER

Set Pressure:
 Chamber Pressure:

Set Position:
 Valve Position:

Pressure Position

RF GENERATOR
 Forward Power:
 Reflected Power:

RF AUTOMATCH
 CAPACITOR 1: CAPACITOR 2:

AUTO MANUAL HOLD

