

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 16
- 5. dose ZrEMA
- 6. Purge ZrEMA
- 7. Divert Argon
- 8. O2 Plasma
- 9. Post Plasma purge
- 10. Loop
- 11. pump
- *



Process Step Editor

Step Name

OK Cancel

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

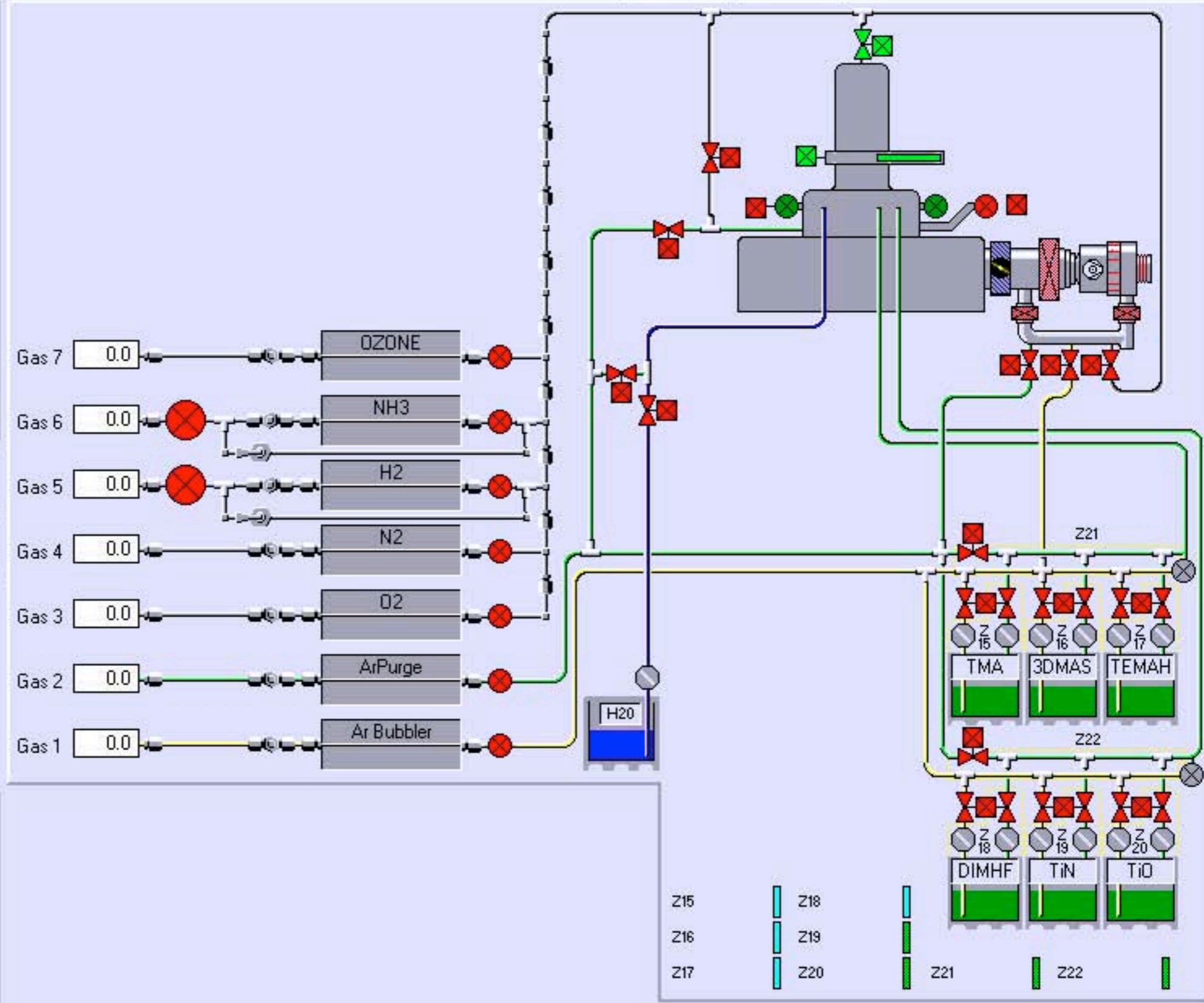
RF GENERATOR

Forward Power
 Reflected Power

RF AUTOMATCH

CAPACITOR 1 CAPACITOR 2

AUTO MANUAL HOLD



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:

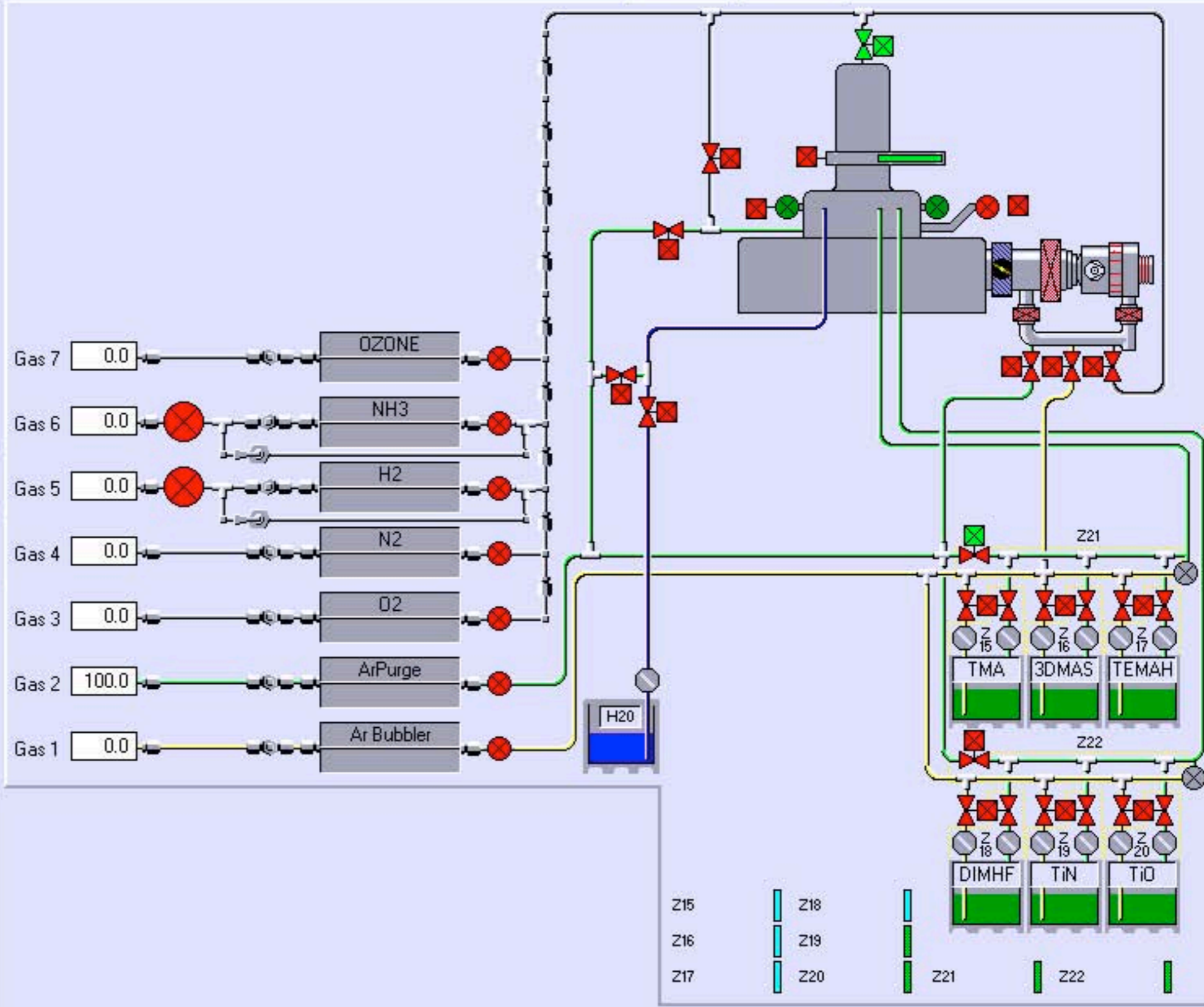
Set Position:
 Valve Position:

Pressure Position

RF GENERATOR
 Forward Power:
 Reflected Power:

RF AUTOMATCH
 CAPACITOR 1: CAPACITOR 2:

AUTO MANUAL HOLD



Process Step Editor

Step Name

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

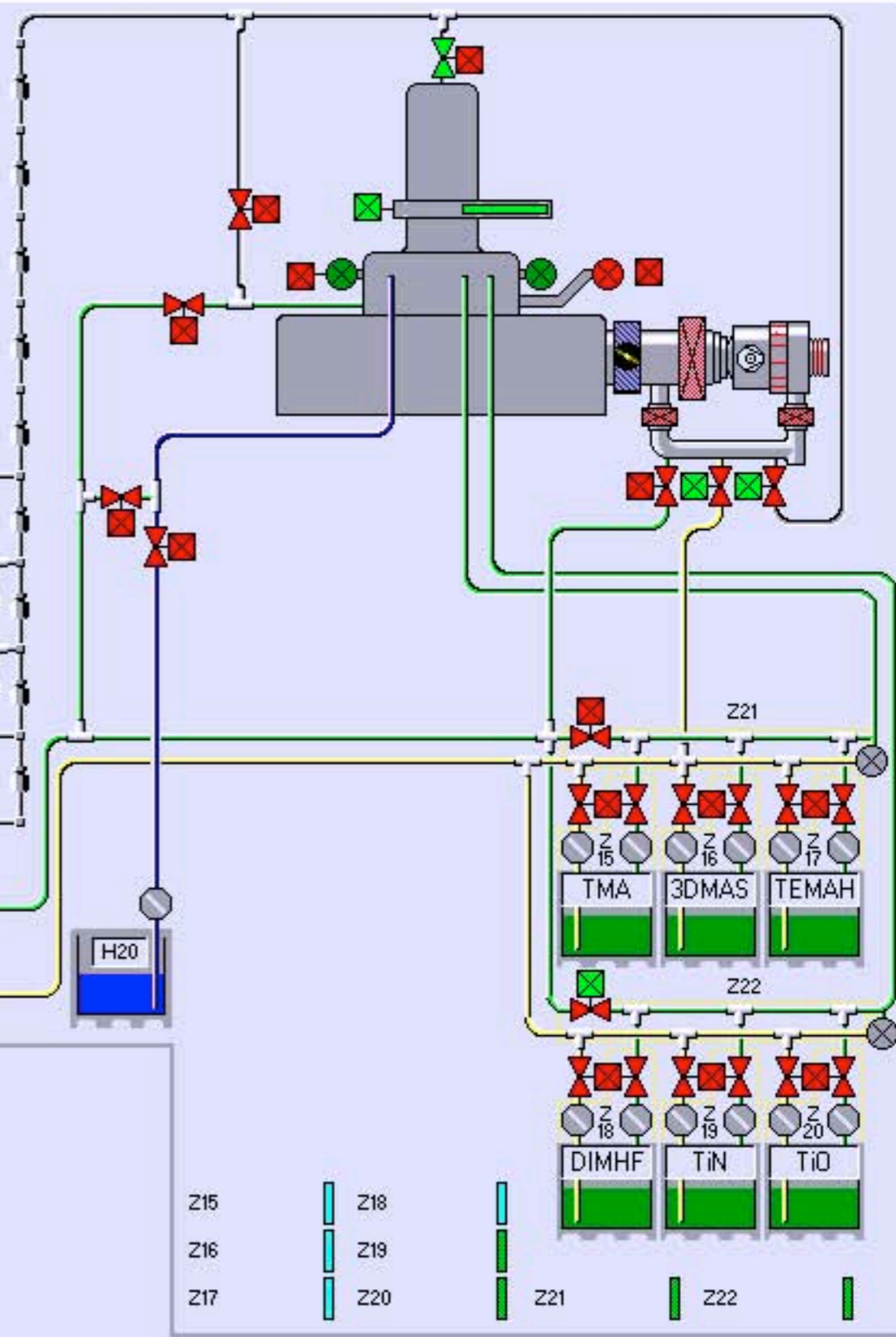
APC CONTROLLER

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

Pressure Position

RF GENERATOR	RF AUTOMATCH	
Forward Power <input type="text" value="0"/>	CAPACITOR 1 <input type="text" value="0.0"/>	CAPACITOR 2 <input type="text" value="0.0"/>
Reflected Power	<input checked="" type="button" value="AUTO"/> <input checked="" type="button" value="MANUAL"/> <input checked="" type="button" value="HOLD"/>	

Gas 7	<input type="text" value="0.0"/>	<input checked="" type="checkbox"/>	OZONE	<input checked="" type="checkbox"/>
Gas 6	<input type="text" value="0.0"/>	<input checked="" type="checkbox"/>	NH3	<input checked="" type="checkbox"/>
Gas 5	<input type="text" value="0.0"/>	<input checked="" type="checkbox"/>	H2	<input checked="" type="checkbox"/>
Gas 4	<input type="text" value="50.0"/>	<input checked="" type="checkbox"/>	N2	<input checked="" type="checkbox"/>
Gas 3	<input type="text" value="0.1"/>	<input checked="" type="checkbox"/>	O2	<input checked="" type="checkbox"/>
Gas 2	<input type="text" value="300.0"/>	<input checked="" type="checkbox"/>	ArPurge	<input checked="" type="checkbox"/>
Gas 1	<input type="text" value="350.0"/>	<input checked="" type="checkbox"/>	Ar Bubbler	<input checked="" type="checkbox"/>



Process Step Editor

Step Name

OK Cancel

START STOP PAUSE

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: 80.0
Chamber Pressure:

Set Position: 0.0
Valve Position:

Pressure Position

RF GENERATOR

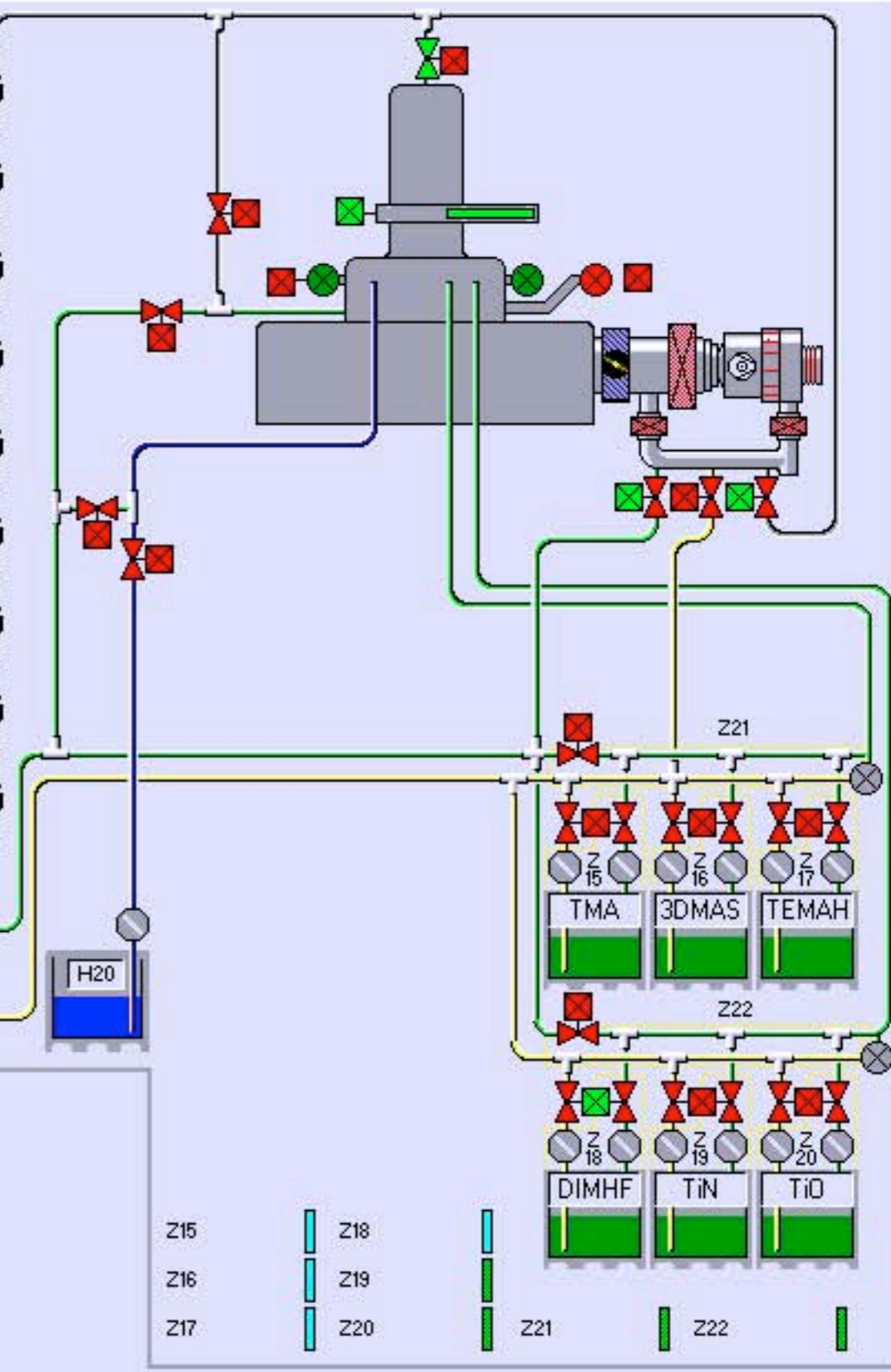
Forward Power:
Reflected Power:

RF AUTOMATCH

CAPACITOR 1:
CAPACITOR 2:

AUTO MANUAL HOLD

Gas 7	<input type="text" value="0.0"/>	OZONE	<input checked="" type="checkbox"/>
Gas 6	<input type="text" value="0.0"/>	NH3	<input checked="" type="checkbox"/>
Gas 5	<input type="text" value="0.0"/>	H2	<input checked="" type="checkbox"/>
Gas 4	<input type="text" value="50.0"/>	N2	<input checked="" type="checkbox"/>
Gas 3	<input type="text" value="0.1"/>	O2	<input checked="" type="checkbox"/>
Gas 2	<input type="text" value="300.0"/>	ArPurge	<input checked="" type="checkbox"/>
Gas 1	<input type="text" value="350.0"/>	Ar Bubbler	<input checked="" type="checkbox"/>



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:

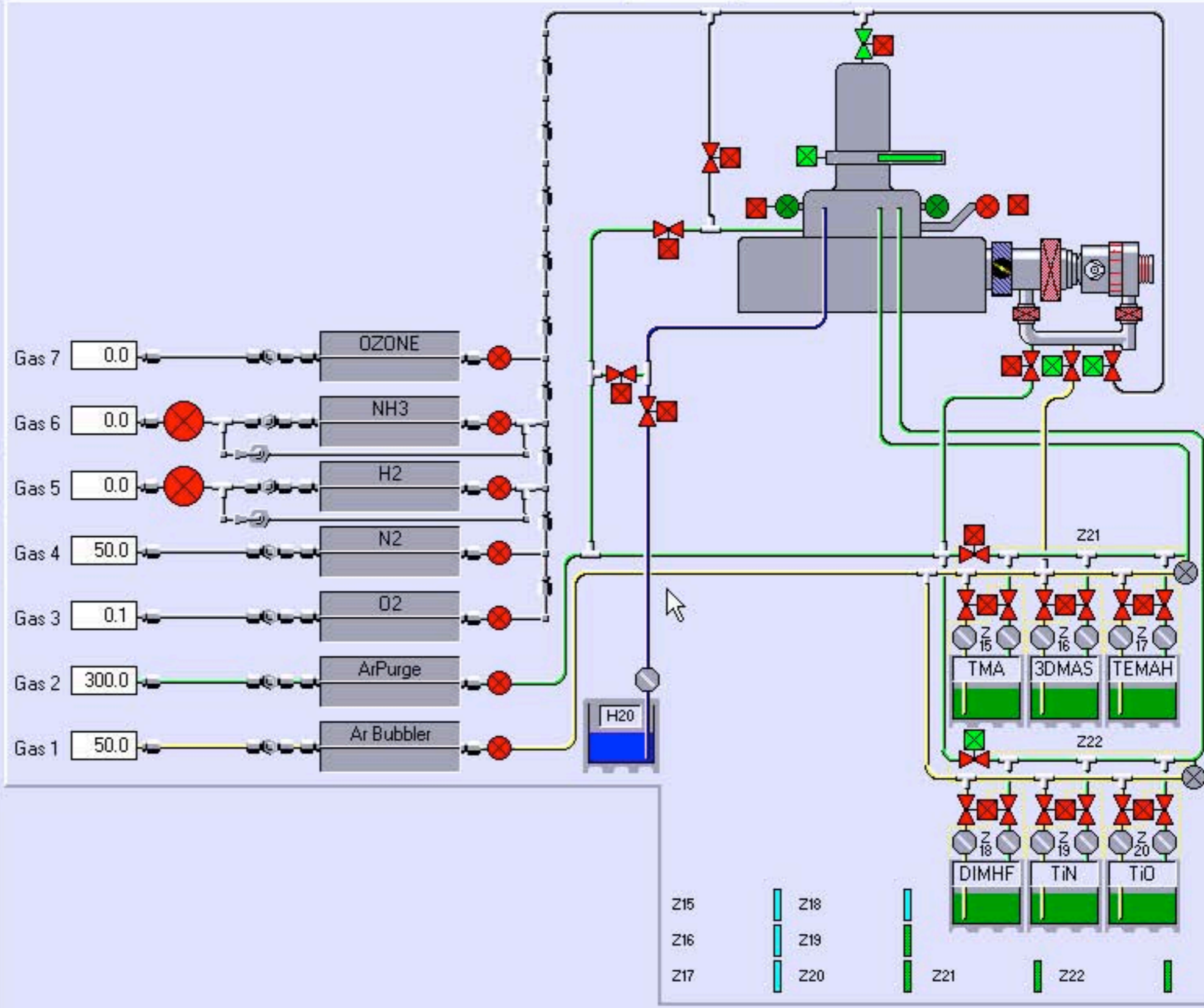
Set Position:
 Valve Position:

Pressure Position

RF GENERATOR
 Forward Power:
 Reflected Power:

RF AUTOMATCH
 CAPACITOR 1: CAPACITOR 2:

AUTO MANUAL HOLD



Process Step Editor

Step Name

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="15.0"/>	<input type="text" value="0.0"/>
Chamber Pressure	Valve Position
<input type="text"/>	<input type="text"/>

Pressure Position

RF GENERATOR

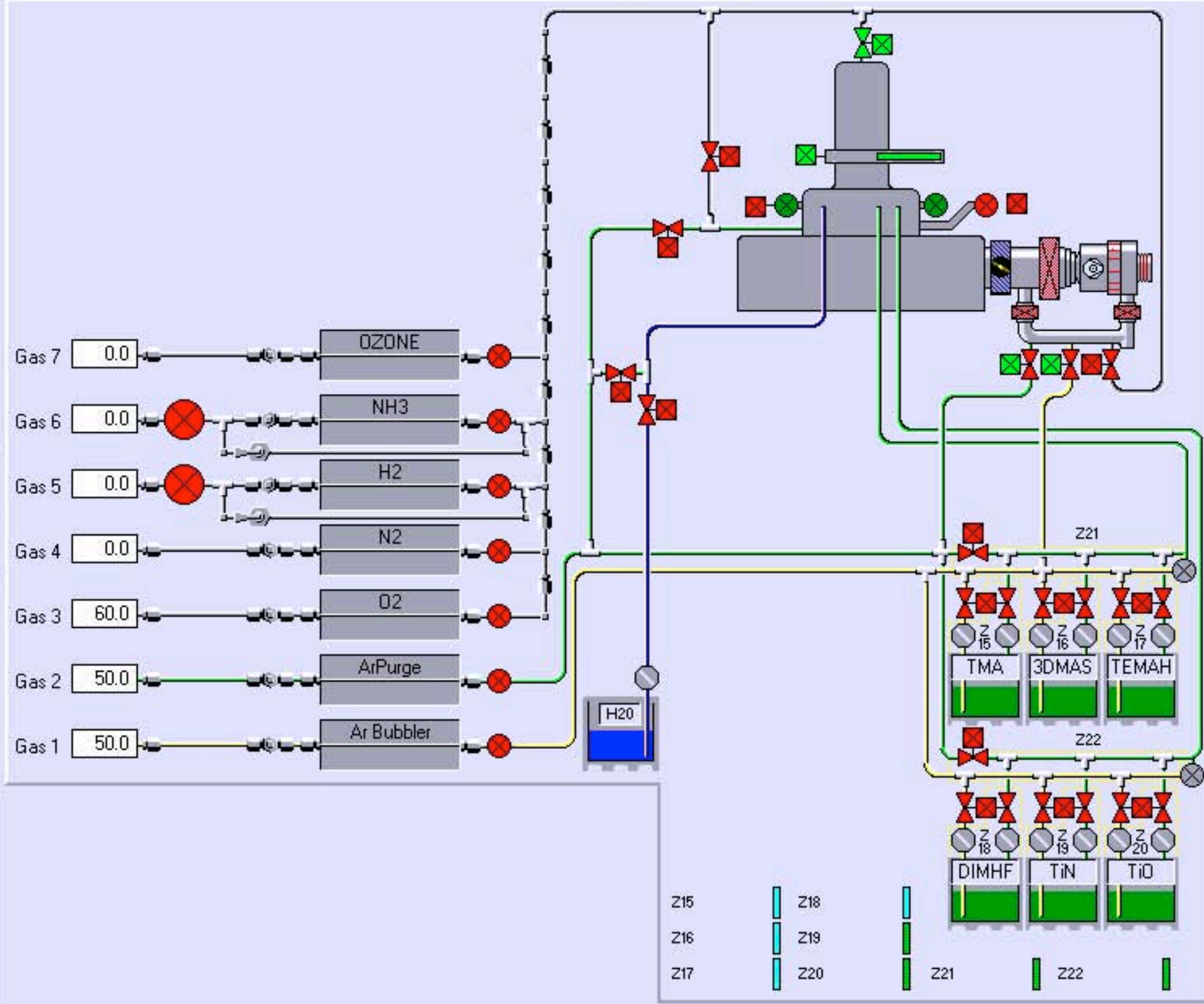
Forward Power

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:

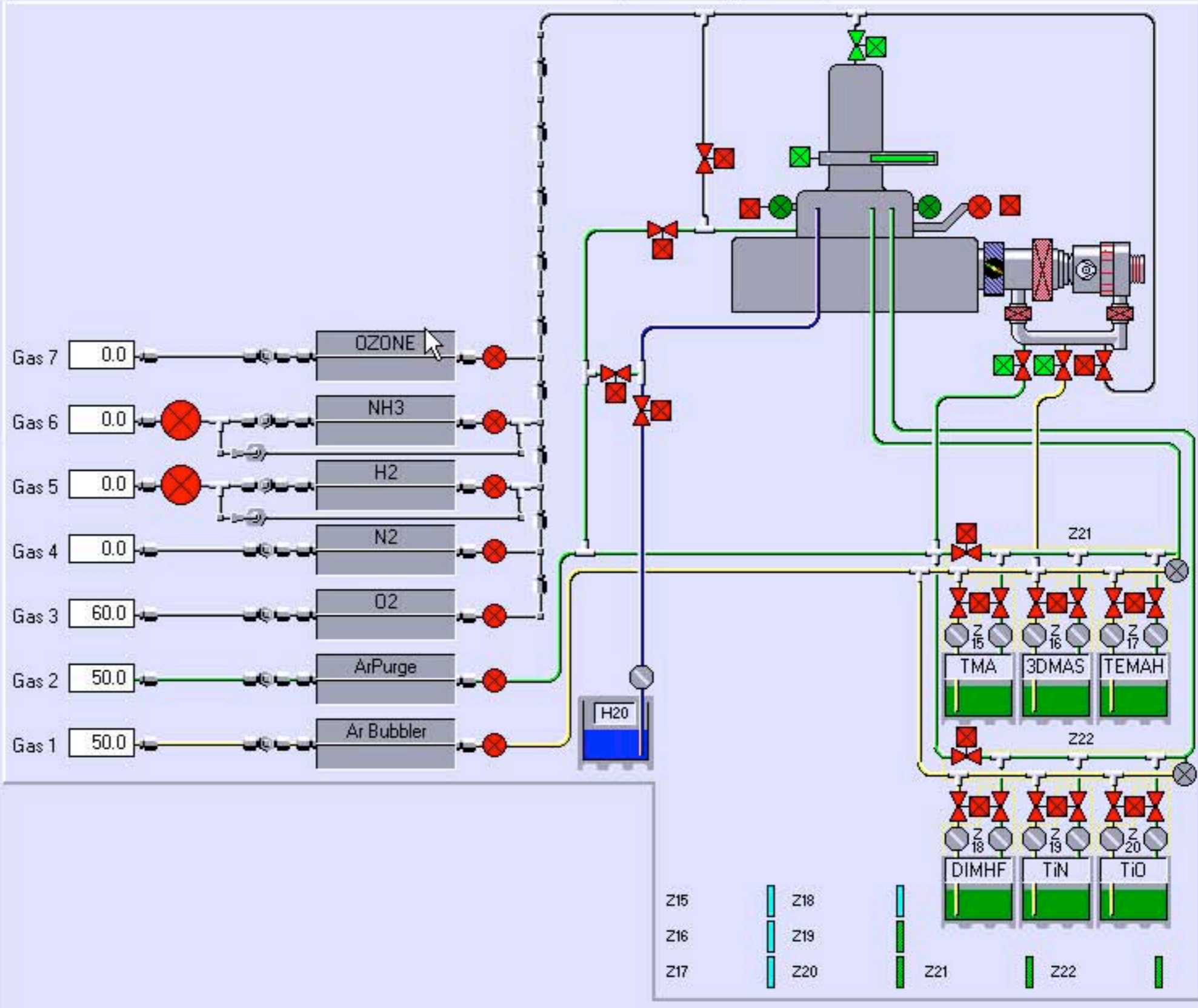
Set Position:
 Valve Position:

Pressure Position

RF GENERATOR
 Forward Power:
 Reflected Power:

RF AUTOMATCH
 CAPACITOR 1: CAPACITOR 2:

AUTO MANUAL HOLD



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

Pressure Position

RF GENERATOR

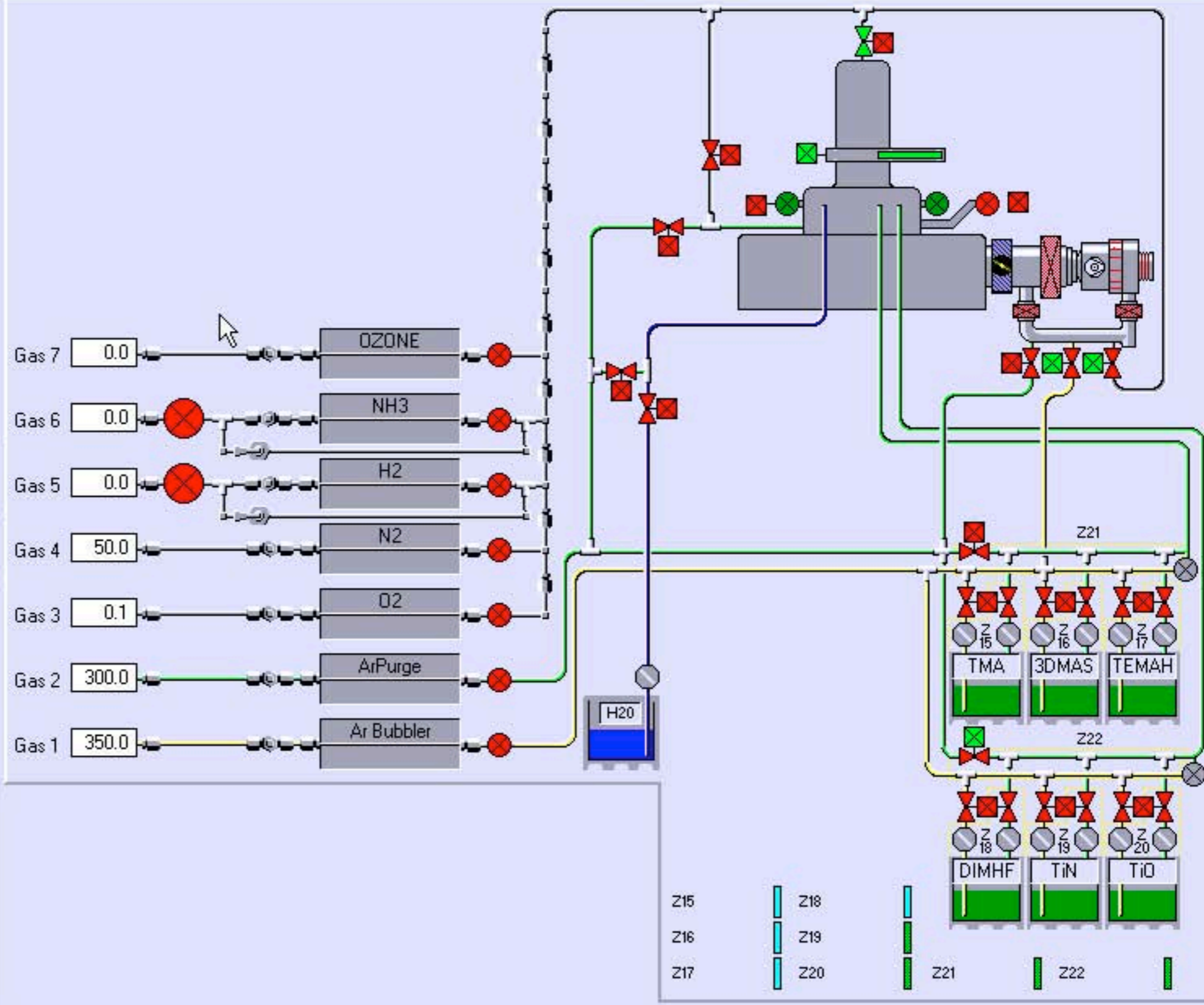
Forward Power

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
<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="0.0"/>	<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

