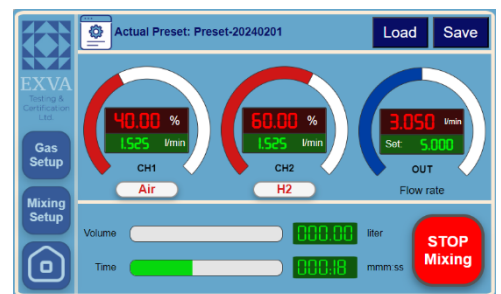


GAS MIXING UNIT GMU.N02

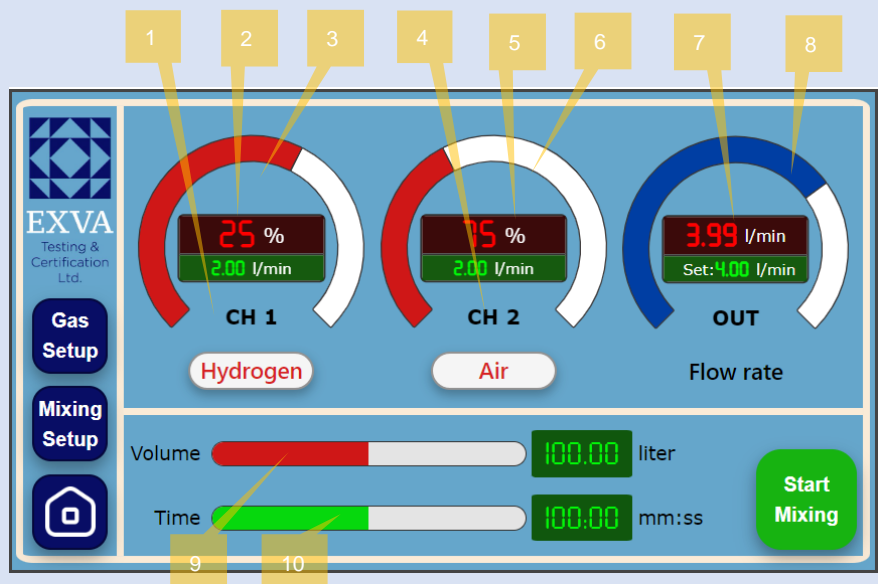
MAIN SPECIFICATIONS:	
Type	GMU.N02
Design	Compact design
Weight	6 kg / 13 lb
Dimensions (WxDxH)	(270 X 160 X 280) mm
Power supply	110 – 250 VAC
Gas input types (more gas types on request)	Air Ar – Argon C2F6 – Freon C2H2 – Acetylene C2H4 – Ethene C3H8 – Propane CO2 – CarbonDioxide H2 – Hydrogen He – Helium Kr – Krypton N2O – Nitrous Oxide O2 – Oxygen
Areas of use	<p>Research and Development (R&D) Labs, Institutes and Centers</p> <ul style="list-style-type: none"> • Calibration of Instruments • Preparation of Test Gases • Analytical Equipment • Local Preparation of Gas Mixtures • Chemical Laboratory <p>Analysis</p> <ul style="list-style-type: none"> • Gas Chromatography • Quality Control <p>Food & Beverage</p> <ul style="list-style-type: none"> • Regulation of Controlled Atmospheres Life Sciences <p>Life Sciences</p> <ul style="list-style-type: none"> • Biotechnology • Regulation of Gaseous Atmospheres • Studies on Cell Cultures • Pharmaceutical
Accuracy	<0,2 % FS
Repeatability	0-20% < ± 0,04% FS; 20-100% < ± 0,2% Rd
Settling time	fast: < 500 msec
Operating temperature	-10...70°C



Temperature sensitivity	zero: < 0,02% FS/°C; span: < 0,025% Rd/°C (temperature correction factor included in the software)
Pressure sensitivity	included pressure correction: < 0,02% Rd typical N2
Warm-up time	30 min. for optimum accuracy
Seals	standard: Viton® - for non-corrosive gasses options: EPDM, Kalrez® (FFKM) – for corrosive gasses
Output flow	50 – 6000 ml / min
Output connection	Push in 8 mm fittings (other on request)
Input pressure	< 5 Bar
Inlet gas channel	2 (GMU-N02 type)

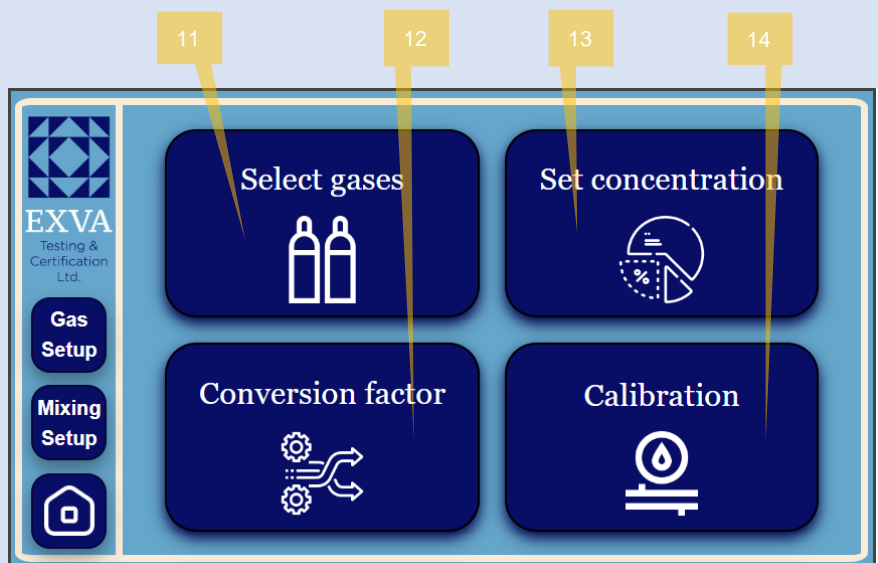
Gas Mixing Unit MAIN WINDOW

1. CH 1 selected gas
2. CH 1 preset value
3. CH 1 measured value
4. CH 2 selected gas
5. CH 2 preset value
6. CH 2 measured value
7. Output preset value
8. Output measured value
9. Output volume (aggregate)
10. Elapsed / Remaining time



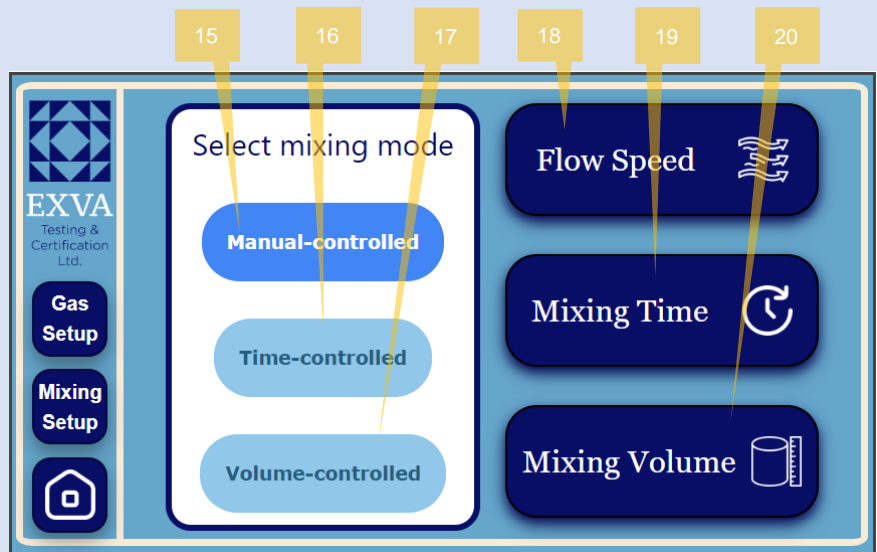
Gas Mixing Setup WINDOW

11. Select the input gas type
12. Select the gas Conversion factor manually (optional)
13. Set the gas concentration
14. Set the unit calibration



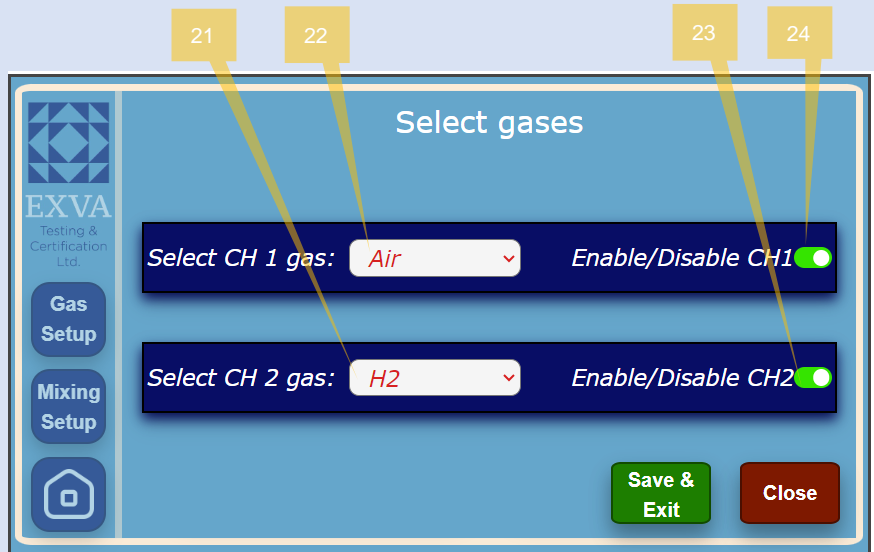
Gas Mixing Setup WINDOW

- 15. Manual controlled mode
- 16. Time controlled mode
- 17. Volume controlled mode
- 18. Set Flow speed
- 19. Set Mixing time
- 20. Set Mixing volume



Gas and Flow speed Setup WINDOW

- 21. Set the gas type for CH 2
- 22. Set the gas type for CH 1
- 23. Enable / Disable CH 2 output
- 24. Enable / Disable CH 1 output
- 25. Set output flow unit
- 26. Set output flow value

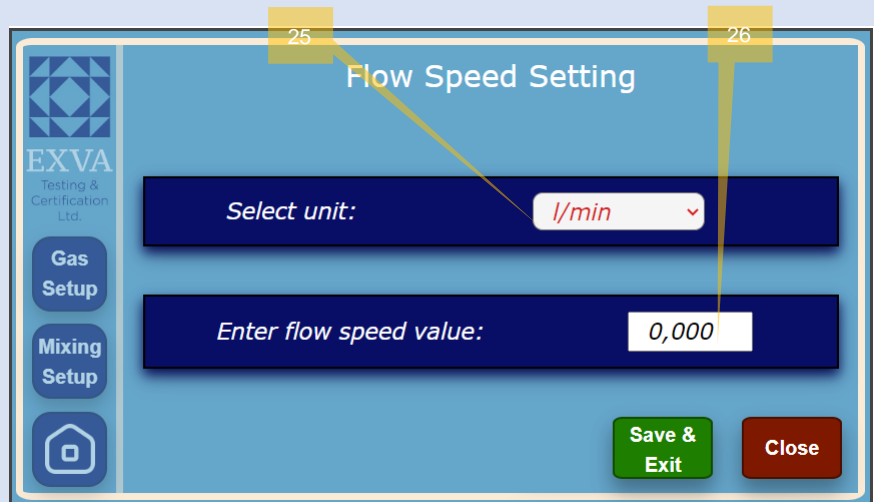


Select gases

Select CH 1 gas: Air Enable/Disable CH1

Select CH 2 gas: H2 Enable/Disable CH2

Save & Exit Close



Flow Speed Setting

Select unit: l/min

Enter flow speed value: 0,000

Save & Exit Close