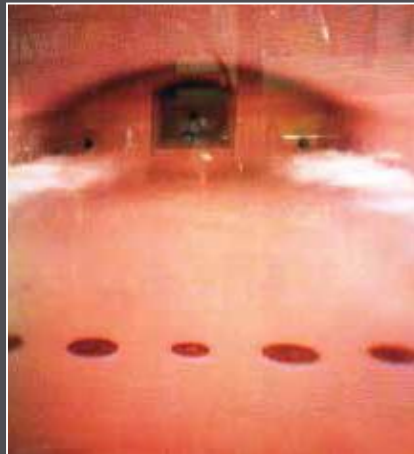


Precision Control Bubbler System

Highly effective and economical method of homogenising glass during the melting process without the risks associated with conventional bubbling.



- Hot-spot bubbling improves thermal and chemical homogeneity in the melt, reducing cord and stone losses
- Under batch blanket bubbling can improve melt-rate and increase furnace bottom temperatures
- Reduces the overall time to complete a colour change and homogenises colour during the change
- Slow precision bubbling eliminates the risk of seed and parasite bubbles in the product
- Independent control of bubble size and bubbling rate for each bubbler point
- Throat and distributor bubbling for intermittent use during colour or composition change
- Unique blockage resistant bubbler tubes allow slow controlled bubbling without the risk of injector damage
- Comprehensive operator interface with touch screen HMI allowing easy access to key system information and control variables
- Design backed by more than 30 years of continuous development
- Bubbling can be suspended for prolonged periods and effectively restarted

ELECTROGLASS PRECISION CONTROL BUBBLER

BUBBLER	PULSE TIME	CYCLE TIME	CYCLES/ MINUTE	CYCLES/ HOUR	OVERIDE	AIR STATUS	VOLTS
1	0.5	6	10	600	-	OK	25
2	0.5	6	10	600	-	OK	22
3	0.5	6	10	600	-	OK	26
4	0.5	6	10	600	-	OK	24
5	0.5	6	10	600	-	OK	21
6	0.5	6	10	600	-	OK	19
7	0.5	6	10	600	-	OK	20

PATTERN 1 PATTERN 2 PATTERN 3 PATTERN 4 PATTERN 5

ALARMS ERRORS VOLTS OVERIDE HELP

ELECTROGLASS PRECISION CONTROL BUBBLER

OVERIDE

BUBBLER	SELECT CONTROL	CONTROL STATUS	BUBBLER	SELECT CONTROL	CONTROL STATUS
1	SELECT AUTO	MANUAL	5	SELECT AUTO	MANUAL
2	SELECT AUTO	MANUAL	6	SELECT AUTO	MANUAL
3	SELECT AUTO	MANUAL	7	SELECT AUTO	MANUAL
4	SELECT AUTO	MANUAL			

HOME

ALARMS ERRORS HELP



Precision Control Bubbler System

- Bubbler injector tubes available with platinum alloy coating for use in specialist glasses
- Various bubbling mediums can be used including oxygen
- Bubbler lengths to suit each installation
- System can be supplied with an independent stand-alone compressor
- Volts to earth monitoring is included as standard where electric boosting is present
- The ability to suspend bubbling removes the need for advanceable bubbler tubes currently employed in some applications
- Bubbler tubes designed to operate for complete furnace campaign with no need for replacement

- Proven installation techniques allow system to be installed during operation where suitable refractory construction exists
- Control system can be interfaced with factory computer system on request

Glass Types and Products

- Soda Lime
- Borosilicate
- TFT
- LCD
- C Glass
- E Glass
- Crystal
- Containers
- Lighting
- Tubing
- Tableware
- Pharmaceutical
- TV and Display Glasses
- Float Glass
- Rolled Sheet Glass
- Fibreglass

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