

## CHEMICAL COMPOSITION BY REDUCING LIME LEFT AFTER CLARIFICATION



### EQUIPMENT SUPPLY

DIGITAL DOUBLE LOOP COMPUTER  
DOUBLE GLASS ELECTRODE PH MEASURING MODULE  
CLEANING FLUID CONTAINER  
AUTO CONTROL FEED VALVE  
TWO SPARE SENSORS  
ELECTRICAL CONNECTION FITTINGS  
VALVE HOSE ADAPTORS  
INSTALLATION AND OPERATION HANDBOOK



### INSTALLATION

EQUIPMENT WILL BE FULLY INSTALLED  
EQUIPMENT TESTED AS FUNCTIONAL



### TRAINING & COMMISSIONING

TWO DAY TRAINING WILL BE GIVEN  
EQUIPMENT WILL BE COMMISSIONED AFTER TRAINING



### AFTER SALES SERVICE

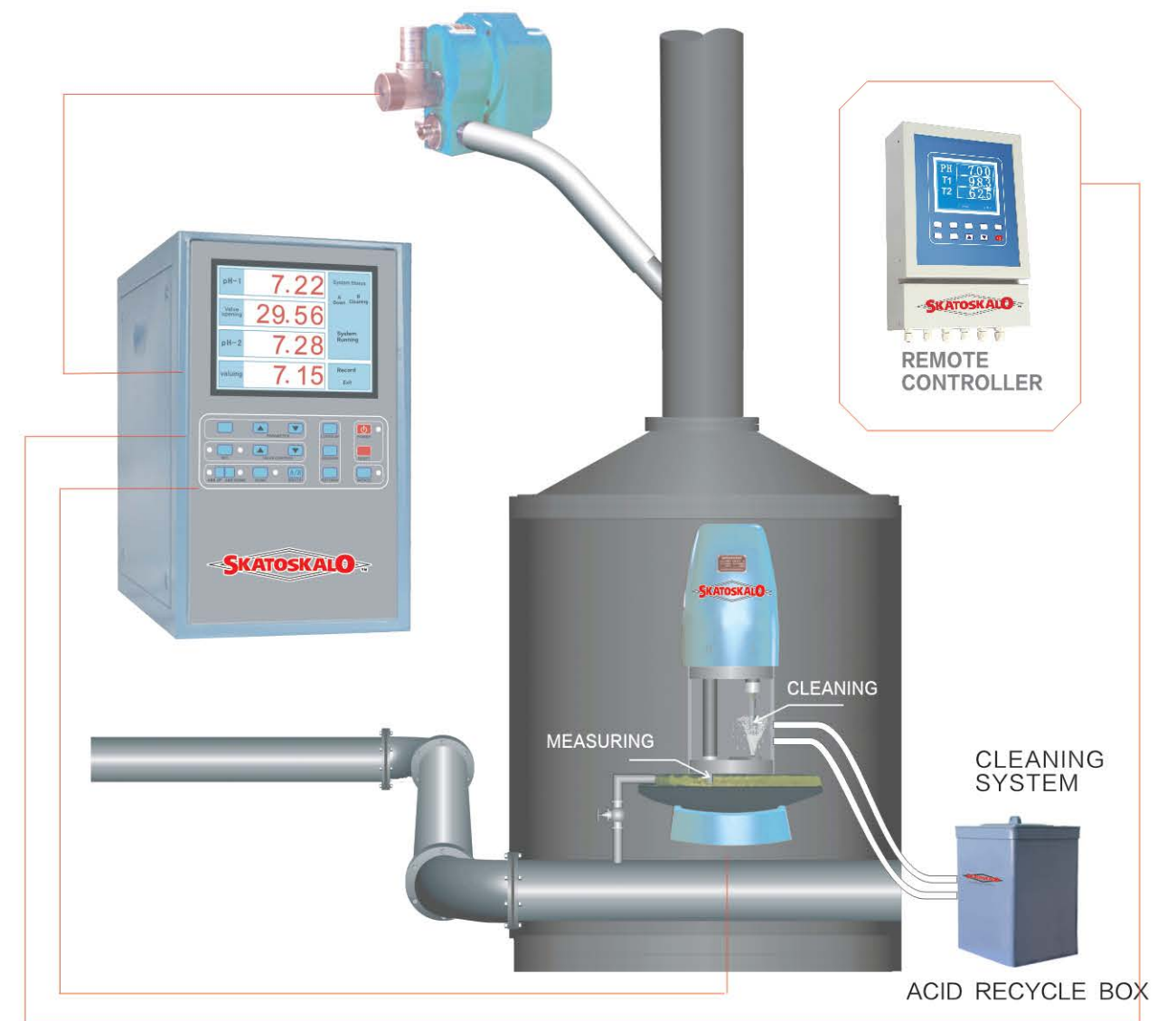
ONE TECHNICAL SERVICE VISIT AFTER PERIOD  
OF OPERATION FREE OF CHARGE

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VAT Registration No. GB 764 9546 80  
Registered at the above address in England and Wales  
Reg. No. 4100589



**International Limited**

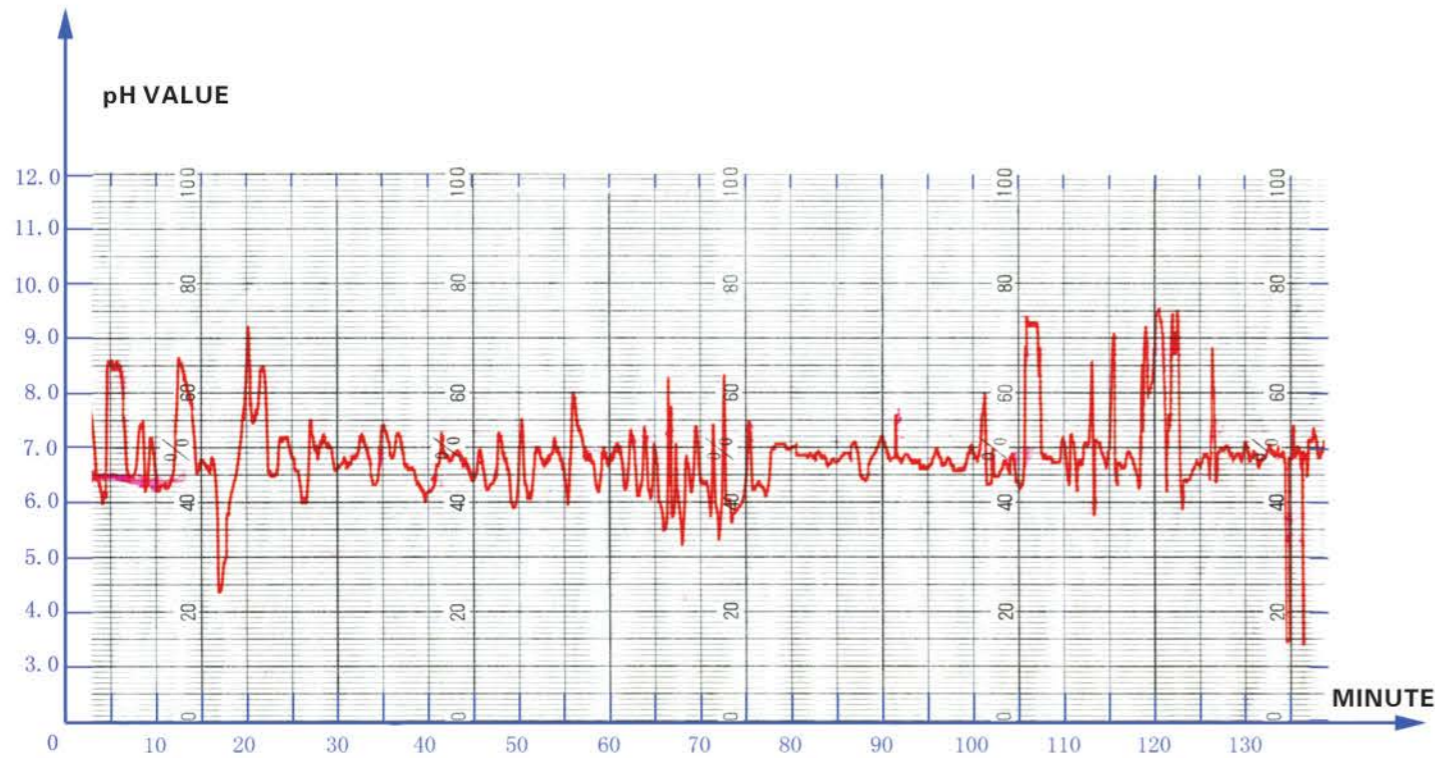
**Automatic pH Control Systems  
With Self Cleaning**



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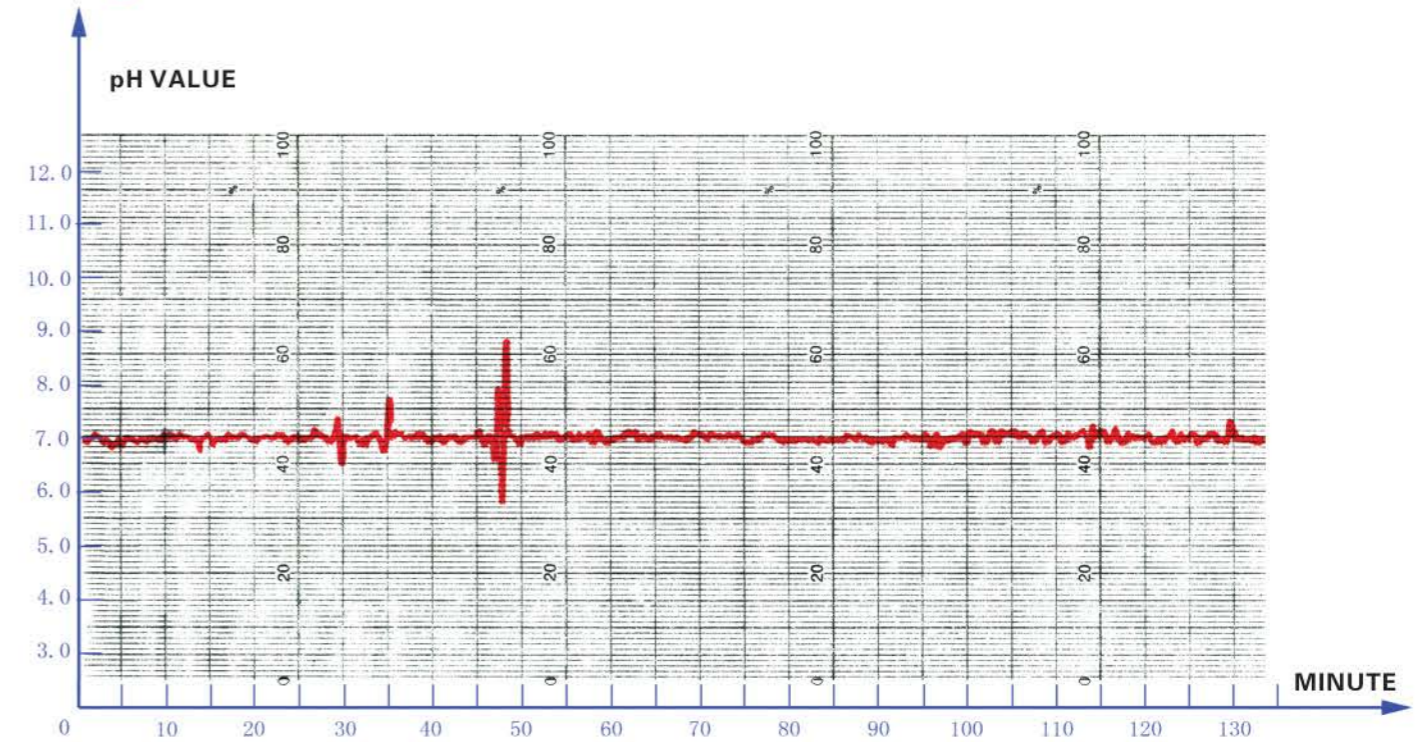


- CONTROLS LIME FLOW USING PH READING
- REDUCES LIME USAGE BY MORE 25%
- CHEMICALLY CLEANS SECONDARY PROBE EVERY 6 MINUTES



**MANUAL CONTROL**

- ENSURES PERFECTLY CLEAR JUICE THROUGH PH CONTROL AFTER CLARIFICATION
- REDUCES LIME SCALE IN EVAPORATORS
- IMPROVES HEAT TRANSFER EFFICIENCY
- REDUCES ENERGY CONSUMPTION



**AUTOMATIC CONTROL**



**DOUBLE LOOP COMPUTER**

The SKE-355 Computer is specifically designed for Sugar Mills. The panel is touch type indicating and controlling the neutralization PH Value, metering, juice cleaning effect, data setting allowing anti-interference, eroding resistance as well as accurately and continually ensuring the controlled neutralisation of the sugar.

Patent No ZL00228254.5

REMOTE CONTROLLER



**DOUBLE SENSOR MEASURING DEVICE**

The electrode automatic detects the PH Value. The device is equipped with two high quality glass electrodes. While one electrode is accurately measuring the other undergoes an acid clean and descaling ready for renewed service. The regular interchanging of electrodes ensures continual and accurate measuring of PH. This information is passed to the online Double Loop Computer.

Patent No ZL00268773.9



ACID RECYCLE BOX



**AUTOMATIC CONTROL VALVE**

This 'Jam free blade' motor driven valve has rapid control to ensure precise doses of limewater are introduced to maintain accurate neutralization. The dose values are shown on the Double Loop Computer, which can either automatically or manually manage the introduction of the Limewater.

Patent No ZL01226306.0



**ELECTRODES**

Constructed with an antimonic block with parameter contrast and temperature compensation, it effectively removes and detects scale. These easily maintainable electrodes have an efficient working life of beyond one crushing season.

Patent No ZL91225661.3