



NEW VT96 Kiln Controller

The VT96 is a newly designed Kiln Controller, it has all the features of the well-loved VT36, but with some new features - an upgrade to all the on-board components & new software (version 3.1), it stands out as a premier choice for kiln management and is renowned within the African market and around the world for its ruggedness and reliability.



What Is New?

- The **NEWEST** feature added is the **Over-Temperature Warning (OTW)** with 'Cut-Out' function.
- It is also now fitted with an external siren for warnings.
- New memory and processing chips, resulting in improvements of processing power, storage and general uses of the controller.
- Factory reset button.

Key Functions:

- Designed specifically for Van Tuyl Kilns with kiln users in mind.
- Capacity to store 36 Programs (for ceramic, glass, jewellery and industry).
- Comes with 12 pre-installed ceramic firing programs, serving as a helpful starting point (note: programs may vary and can be easily edited).
- Each program allows for multiple Ramp Ups, Ramp Downs, Set Temperature Points, and Soaks.
- A Delay feature for scheduling program start times, particularly useful in areas with power shortages.
- Graphic display for easy tracking of program progress.
- Element ON Indicator for real-time heating status.
- Error and Warning Indicators, including diagnosing errors or warnings identifying during the firing cycle, enhancing kiln safety and kiln shut down if required.
- Automatic Restart in case of power interruptions.
- Alarm setting capability, can be used during various stages of the program.
- The unit is enclosed in a compact ABS plastic box, known for its robustness and heat resistance.
- It's simple to install on any kiln, including those from competitors, as an upgrade or replacement.

VT96 Controller Pricing

VT96 Controller	
Product Code	Description
VT-96	VT-96 Programmable Controller without plug
VTKPLUG-F	Kiln & Controller Plug (5 pin) - Female
VTKPLUG-M	Kiln & Controller Plug (5 pin) - Male
VT-RBK-002	VT96 Controller Box and Keypad Only
VT-RPCB-002	VT96 PC Board for Controller
VT-WALLB	Controller Wall Bracket
VT-SSP-002	Single Set Point Controller

Controller Features



If a possible over-fire is detected, the controller will immediately cut power to the contactor/relay, the external siren will go off, flash and a loud sound will occur and an error LED indicator will also illuminate on the display panel. To reset the system, switch the controller off, wait for the kiln temperature to drop below maximum. This feature ensures a safer firing process and gives you peace of mind while using your kiln.



Our user-friendly keypad is simple to navigate, providing easy access to touch buttons and displays. Positioned centrally, the main display allows convenient monitoring of temperatures and other vital information during operation, such as indicating when a program is complete with "END" appearing on the main display.



The Program Graph is extremely useful, displaying the progress of your program. It highlights each step, including ramps, set temperature points, and soaks. Additionally, it indicates the delay function, acting as a timer for starting your kiln at your desired time.



The Indicator Bar provides valuable additional information regarding the program status. It includes key indicators such as Program On, Heating Elements On, Warnings (to help manage your program, highlighting information like power interruptions or fast ramp rates), and Errors. When the Error indicator is on, it signifies a safety issue, prompting the controller to shut down the kiln.



We employ a user-friendly ILME plug system to connect our Controller to our kilns. The socket is installed onto the kiln, while the plug is attached to the Controller. This configuration allows for the Controller's flexibility across various kilns and ensures secure storage when not in use. Moreover, the socket can be seamlessly integrated into other kilns as an aftermarket option.



The Controller has its own switch for easy disconnection from the mains (it's best to turn off both). When turned on again, it will always show the kiln temperature, regardless of whether the program is running.



The Controller comes with mounting holes that have metal inserts, making it simple to attach to a mounting arm or any existing fitting with minimal adjustments required.

Get in Touch

Van Tuyl Kilns - 28 Van Der Bijl Street, Alrode South, Alberton, South Africa



+27 (0)11 868 1387/9



www.vantuyl.co.za



sales@vantuyl.co.za