

# MAXVU Quick Configuration

## SETUP MODE (FIRST POWER UP)

**!** When first powered up or after a factory reset (default) the instrument enters Setup Mode. The device remains in Setup, or will keep powering up back into Setup Mode, until all parameters have been reviewed and the user exits the Setup Mode.

Setup mode lock code	5.Loc	Enter lock code to continue. Default is 10.	10
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Screen Name	Lower Display	Upper Display	Adjustment Range & Description	Default Value
Input Type	TYPE	tC_J	J Thermocouple *	tC_J
			-200 – 1200°C -328 – 2192°F	-128.8 – 537.7°C -199.9 – 999.9°F
		tC_P	K Thermocouple *	
			-240 – 1373°C -400 – 2503°F	-128.8 – 537.7°C -199.9 – 999.9°F
		P_100	PT100 *	
			-199 – 800°C -328 – 1472°F	-128.8 – 537.7°C -199.9 – 999.9°F
		tC_b	B Thermocouple	
			100 – 1824°C 211 – 3315°F	
		tC_C	C Thermocouple	
			0 – 2320°C 32 – 4208°F	
		tC_L	L Thermocouple *	
			0 – 762°C 32 – 1403°F	0.0 – 537.7°C 32.0 – 999.9°F
		tC_N	N Thermocouple	
			0 – 1399°C 32 – 2551°F	
		tC_R	R Thermocouple	
			0 – 1795°C 32 – 3198°F	
		tC_S	S Thermocouple	
			0 – 1762°C 32 – 3204°F	
		tC_T	T Thermocouple *	
			-240 – 400°C -400 – 752°F	-128.8 – 400.0°C -199.9 – 752.0°F
	0.20		0 – 20mA linear dc	
	4.20		4 – 20mA linear dc	
	0.50		0 – 50mV linear dc	
	10.50		10 – 50mV linear dc	
	0.5		0 – 5V linear dc	
	1.5		1 – 5V linear dc	
	0..10		0 – 10V linear dc	
	2..10		2 – 10V linear dc	

Input Units	Unit	C	Temperature displayed as °C.	C
		F	Temperature displayed as °F.	
Process Display Resolution	dEc.P	0000	No decimal places	0000
		000.0	1 decimal place	
		00.00	2 decimal places	Not available for temperature inputs.
		0.000	3 decimal places	
Scaled Range Upper Limit	ScUL	Scale Input Lower Limit +100 display units to range maximum. (Only visible in Setup Mode when a dc linear type is selected)		
Scaled Range Lower Limit	ScLL	Range minimum to Scale Input Upper Limit -100 display units. (Only visible in Setup Mode when a dc linear type is selected)		
			Input max Lin=1000	
			Input min Lin=0	

Output 1 Usage	OUT 1	HEAT	Heat Power	HEAT		
		COOL	Cool Power			
		AL 1	Alarm 1			
		AL 2	Alarm 2			
		AL 12	Alarm 1 or 2			
		Loop	Control loop alarm (2 x Integral time)			
Output 2 Usage	OUT 2	As Output 1 Usage				
Output 3 Usage	OUT 3	As Output 1 Usage				
Alarm 1 Value	AL 1	Range minimum to range maximum <b>OFF</b> disables the alarm. Default high alarm				
Alarm 2 Value	AL 2	Range minimum to range maximum <b>OFF</b> disables the alarm. Default low alarm				
Setpoint Value	SP	Target setpoint adjustable between setpoint upper and lower limits.				
Automatic Tuning Start/Stop	tunE	OFF	Use current PID control terms or manually tune.			
	PrE	Start a pre-tune routine.				
	AtSP	Start the tune at setpoint.				

## Keypad & General Navigation

Menu navigation, parameter editing and keypad use are described below. See the relevant manual sections for further information and exceptions.

### General keypad usage & parameter editing:

Press **•** or **•** keys to navigate between parameters.

To edit the parameter value, press **\***. The parameter name (lower display) flashes when the value (upper display) can be adjusted.

Press **•** or **•** to change the value.

To confirm the change, press **\*** within 60s otherwise the change is rejected.

### Navigating to Setup or Advanced Configuration from User Mode:

- Press and **hold \*** then press **•** for Setup Mode.
- Press and **hold \*** then press **•** for Advanced Configuration.

### Returning to User Mode:

- After 120 seconds without key activity the unit returns automatically to the User Mode screen.
- Press and **hold \*** then press **•** to exit or move back up one level.

