VINFICON QUICK START GUIDE

Suggested Settings for Landfill Surface Emission Monitoring (Method 21) in USA with IRwin Methane Leak Detector

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CO₂ sensor is calibrated during yearly service. Field calibration normally not required.



How to set your IRwin Methane Leak Detector in Universal Mode (for a factory set unit)

For Operation in countries not following German DVGW directives





Use \checkmark to navigate to Universal Mode and press \oslash



7

Enter the Supervisor (Advanced) password code

9	🍋 🖃 🛓 11:31 🔺 🕢
Press O to tick Universal Mode box	Display Time/Date Misc Custom 100% CH₄ LEL Conc 4:4 vol% ✓
Press of to tick Oniversal Mode box	Universal Mode AbG Cal Setup
	AbG Fnc Test Conc 10 ppm General > Custom

10	
Press 🍋 followed by \equiv and \bigcirc	



How to Set your IRwin Methane Leak Detector for 1 Point Calibration 500 ppm (Universal Mode) (for a factory set unit)

1 Make sure your IRwin is set in Universal Mode (see the <i>How to set your IRwin for Universal Mode</i> quick start guide)	
2 Press ≣ followed by 🏠	
3 Use ∑ to navigate to <i>General</i> and press ⊘	FUNCTION TEST GENERAL THRESHOLDS DATA OUTPUT CALIBRATION PASSWORD IR ETHANE ANALYSIS AUTO BAR HOLE Settings
4 Use $>$ to navigate to <i>Custom</i> and press \bigcirc	Complexy Time/Date Mise Custom Display Time/Date Mise Custom 100% CH₄ LEL Conc 4.4 vol% ✓ Universal Mode ✓ ✓ AbG Cal Setup Generic ✓ AbG Fnc Test Conc 10 ppm ✓ General ✓ ✓
5 Use ∽ to navigate to <i>AbG Cal Setup</i> and press ⊘	Classic Classic



6	Display Time/Date Misc Custom
Use < to select <i>Generic</i> and press 🧭	100% CH₄ LEL Conc 4.4 vol% ✓ Universal Mode ✓
	AbG Cal Setup
	AbG Fnc Test Conc Classic
	General > Custom

7		
Press 🍋		
		J

8	I 1:04	*Ø/0
	FUNCTION TEST	GENERAL
Use > and to navigate to Calibration</th <th>THRESHOLDS</th> <th>DATA OUTPUT</th>	THRESHOLDS	DATA OUTPUT
and press 🧭	CALIBRATION	PASSWORD
	IR ETHANE ANALYSIS	UTO BAR HOLE
	Settings	

9	🎨 🗖 📮 11:05 🛛 🛠 🖉 🛛 📿
	Calibration Settings Interval Info
	Universal (low range): 10.0 ppm 🗸
	Universal (high range):
ise / to navigate to Settings and press 🥑	Universal COx: 20.0%
	Ex: 2.50% 🗸
	Tox: CH4 V
	Calibration > Settings

10 If prompted, enter the (min) Intermediate password code and press 🔗 . If not prompted, go ahead to next step



11 Press is to get to the drop-down menu Universal (high range): Universal Co: 2.5% Universal Co: 2.5% Calibration Settings Universal Co: 2.5% Calibration Settings Universal Co: Calibration Settings



13 Navigate to far right drop-down menu and press 🔗







Navigate to the second choice in the drop-down menu and press 🔗

niversal (low range):	Disphlad	22
Universal (high range):	Disabled	
Universal CO2:	100 ppm	
Ex:	2.50%	\sim
Tex:	CH₄	\sim











Select the third choice in the drop-down menu and press 🔗





23	🍋 🖿 🛓 11:12
Select <i>Disabled</i> and press 🔗	Set Above Ground CH₄ 100 ppm Calibration Concentration 5 0 0 Set 500 ppr (80 - 110 Set Value



How to set the Function Test at 500 ppm on your IRwin Methane Leak Detector - Universal Mode (for a factory set unit)

1	
Make sure your IRwin is set in Universal Mode (see the <i>How to set your IRwin for Universal Mode</i> quick start guide)	
2	
Press 🧮 followed by 🏠	
3	FUNCTION TEST GENERAL
Use > to navigate to <i>General</i> and press ⊘	THRESHOLDS DATA OUTPUT CALIBRATION PASSWORD IR ETHANE ANALYSIS AUTO BAR HOLE Settings
4 Use → to navigate to <i>Custom</i> and press ⊘	Display Time/Date Misc Custom 4.4 vol% ✓ Universal Mode
	AbG Cal Setup Generic V AbG Fnc Test Conc 2.5% V General > Custom
5 Use \checkmark to navigate to <i>AbG Fnc Test Conc</i> and press \oslash	Oisplay Time/Date Misc Custom 100% CH₄ LEL Conc 4.4 vol% ✓ Universal Mode ✓ ✓ AbG Cal Setup Generic ✓ AbG Fnc Test Conc 2.5% ✓ General > Custom ✓ ✓ ✓ ✓



7

If prompted, enter the Supervisor (Advanced) password code and repeat step 5. If not prompted, go ahead to the next step

Use \checkmark to select 500 ppm in the drop-down menu, press \bigcirc



8	
Press 🏡 followed by 🧮 and 🔘	



How to set the Threshold Alarm at 500 ppm on your IRwin Methane Leak Detector

Press followed by	
2 Use ∽ to navigate to <i>Thresholds</i> and press ⊘	FUNCTION TEST GENERAL THRESHOLDS DATA OUTPUT CALIBRATION PASSWORD IR ETHANE ANALYSIS AUTO BAR HOLE Settings
3 To select <i>CxHy</i> press ⊘	Image: CxHy O7:29 Image: CxHy xTEL ppm AL1 AL2 AL3 C+4 50 10 50 100 C=H+6 10 50 100 KEL %LEL %LEL %LEL %LEL
4 If prompted, enter the Intermediate password code and repeat step 3. If not prompted, go ahead to the next step	



Press \bigodot to open the drop-down menu. Use \checkmark to navigate to 500 and press \oslash







How to do a 1-point Calibration at 500 ppm with your IRwin Methane Leak Detector (Universal Mode) (for a factory set unit)

1

Make sure your IRwin is set in Universal Mode (see the *How to set your IRwin for Universal Mode* quick start guide)

2

Make sure your IRwin is set with the right calibration settings (see the *How to set your IRwin for one point calibration 500ppm* quick start guide)





5

If prompted, press 🔗 and enter the Intermediate password code. If not prompted, go ahead to next step



7

Press \bigcirc to get to the drop-down menu. Use \checkmark to navigate to Universal (low range) (500ppm CH₄). Press \bigcirc

°₀ \	} 2:14 r	м ∦	
Calibration		Interval	
Select Cali	bration Type:		
Ex (2.5% CH ₄)			
I Tox (0.0% O ₂ 4)	Ippm H ₂ S 40ppm C(ange) (500ppm CH ₄)	0.2.0% CO₀ 2.5 I	% CHA
Universal (high i	ange) (2.5% 97% (:H4)	
Universal (20.05	% CO₂)		
^	alibration > Ca	libration	

 $(\checkmark$

💶 🐣 2:15 м 🖇

Expose to Air and Press Start

Calibration in Progres

Q^O



8 Expose the instrument to gas, 500 ppm CH₄, and press



9	
When the calibratiation is done, press \bigcirc followed by \diamondsuit Then press 🗮 followed by \bigcirc	



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