

DATASHEET

Introducing the TechStar FLEX – the latest in HART Communicators! While not the first on the market, the FLEX is the more cost-effective and FLEXible option available, providing a one-tool solution for your programming, troubleshooting and HART maintenance needs. The following is a side-by-side comparison of the TechStar FLEX compared to the competitor's product.



Category		FLEX	Competitor
Performance	Processor	2.9 GHz Intel Quad Core	800 MHz ARM Cortex
	System RAM	4 GB	512 MB
	Battery Life	12 Hours	8+ Hours
	Full Charge Time	3-4 Hours	3-4 Hours
	Loop Power	Power Express Modem	Yes
Display	Screen Size	10.1"	5.7" Touch
	Screen Resolution	1900x1200 Pixels	640x480 Pixel
Compatibility	Operating System	Windows 10	Proprietary
	Open Software	Yes	No
	Intrinsically Safe	Yes	Yes
	Ambient IS	-10 to 50C	-20 to 50C
Ports	USB 3.0	Yes	No
	USB 2.0	Yes	No
	MicroUSB	Yes	Yes
	Micro SD	Yes (Up to 2 TB)	No
Connectivity	Internet Connectivity	WiFi	WiFi
	Cellular Capable	Optional	No
	Bluetooth Enabled	Yes	Yes
Camera	Rear-Facing Camera with Flash	8 Megapixel	None
	Front-Facing Camera	2 Megapixel	None
Security	Domain Join	Yes	No
	Group Policy Management	Yes	No
	Assigned Access	Yes	No
	Remote Desktop	Yes	No
	Device Encryption	Yes	No
	BitLocker	Yes	No
Included	Trusted Boot	Yes	No
	Carrying Case	Yes	Yes

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Concept	Benefit
<p>The TechStar FLEX is one tool for all your programming, troubleshooting and HART maintenance needs. The FLEX is an open (Windows 10) platform allowing you to install software from several manufacturers on the device. The competitor's product is closed so you have to use multiple devices to monitor software from additional manufacturers.</p>	<p>Reduces cost associated with buying and maintaining multiple programming and calibration tools.</p>
<p>The TechStar FLEX has a huge amount of memory to store manuals, training and reference materials and can access plant WiFi to view training materials such as YouTube.</p>	<p>Allows field personnel to get the job done faster lowering the cost of service call outs.</p>
<p>The FLEX is Certified to UL 913 Class I, II, III Division I Groups A-G; and IP65 for hazardous (classified) locations.</p>	<p>Use the device safely on the top of tanks with flammable hydrocarbons.</p>
<p>The FLEX has unlimited HART and software updates.</p>	<p>Lower cost of ownership.</p>
<p>The FLEX screen is almost 2x the size of the competitor's product and has a much higher resolution. This makes it easy to run multiple applications and have drawings or training manuals open simultaneously.</p>	<p>Easier for field personnel to get the job done faster and with a higher success rate lowering the costs associated with maintenance.</p>

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