

# Production Assets (Plant Performance)

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24 January 2025





Description

## Acoustic Imager –

<b>Fluke ii500 Acoustic Imager</b>	<b><u>Fluke ii905 Acoustic Imager</u></b>
<b>LeakQ™</b>	Scale (1-10)
<b>Frequency</b>	2 to 52 kHz
<b>Detection range</b>	Up to 50 m (164 ft)*
<b>Resolution</b>	0.3 MP
<b>Battery life</b>	6 hours
<b>Memory</b>	20 GB (> 5000 pictures / > 999 videos)
<b>Tripod connector</b>	

# Fluxus F60I, Portable Flow Meter



- **Fluxus F60I, Portable Flow Meter** - for quantification and verification of flow whether to get an indication where there are no online flow meters installed or accuracy determination where online flowmeters are installed.

Property	Req	Value	UOM	Definition
POWER	N	Li-ION 7.2V/6.2Ah Operat time >25h	V	The wattage rating of the item.
CONNECTION	Y	Transducers Available Shear wave		Enter the type and size of the connection(s).
TRIM	N			Trim refers to material and other descriptive information about the dis stem, bushing and seats only. When known, enter in sequence the bs
RANGE	Y	Flow velocity range 0.03 to 82 ft/s	ft/s	The range that can be accurately measured.
POTENTIAL	N	4-20mA active/passive pulse/frequency/binary	mA	The rated voltage of the item.
ENCLOSURE RATING	N			The classification of the enclosure.
TYPE	Y	Flexim FLUXUS F60I		A subdivision into a particular classification.

# Thermal gun 835-T2

- **Thermal gun 835-T2** – Required to identify passing valves which triggers rectification of defective valves reducing Demin consumption.

Property	Req	Value	UOM	Definition
CONNECTION	N			Enter the type and size of the connection(s).
RANGE	Y	-40 to 550 °C (-40 to 1022 ° F)	Degree s	The range that can be accurately measured.
BULB SIZE	N			The physical dimensions of the bulb.
TYPE	Y	Fluke 561 HVACPro		A subdivision into a particular classification.
MATERIAL	N			The predominant material that the item is made from.
SPECIFICATION	N			The international specification the manufacturer adheres to when the item is manufactured.
GRADUATIONS	Y	0 °C to 50 °C (32 °F to 120 °F)		The smallest measurable increment.

# Thermal Imaging Camera (Flir)

- **Thermal Imaging Camera (Flir)** – Required to assess component health e.g. Motor, pump used as an early warning for creeping defects to trigger maintenance.

Property	Req	Value	UOM	Definition
FILM	N	5 MP, with built-in LED photo/video lamp.	Mega Pixels	The size of the film the camera accepts.
POWER SOURCE	N	Battery Type Li-ion battery, charged in		The energy source required by the item to accomplish a task the item was designed for.
ZOOM CAPABILITIES	N	1-6x continuous		An indication of the zoom capabilities of the item.
TYPE	Y	FLIR T865		A subdivision into a particular classification.
COMPATIBILITY	N	FLIR		Enter the rated compatibility of the item with regards to the integration into or used with another device or system of its type.
RESOLUTION	N	464 × 348 pixels (161,472 pixels)	pixels	The maximum resolution that the item can accommodate.
MEMORY SIZE	N	Removable SD card		Designates the size of data storage available within the item.
MEGA PIXEL QUANTITY	N	4", 640 × 480-pixel touchscreen LCD	pixels	The amount of mega pixels.
FOCAL LENGTH	N	Continuous with laser distance meter (LDM)	m	The rated focal length.

# Drunk NPT 1/4 Digital Pressure Gauge

- **Drunk NPT 1/4 Digital Pressure Gauge** – To assist in pressure verification on high pressure systems

Property	Req	Value	UOM	Definition
RANGE	Y	0bar-700bar	bar	The range that can be accurately measured.
TYPE	Y	Digital		A subdivision into a particular classification.
MATERIAL	N	ABS, PC		The predominant material that the item is made from.
SPECIFICATION	N	Pressure with an accuracy of $\pm 0.05\%$ measurement		The international specification the manufacturer adheres to when the item is manufactured.
FURNISHED ITEMS	Y			Items furnished as accessories which are not specified elsewhere.

- **Nova-Pro Stroboscope** – To assist in components inspections like gear inspection and speed measurements

Property	Req	Value	UOM	Definition
TYPE	Y	Nova-Pro® 300 Stroboscope/Tachometer		A subdivision into a particular classification.
RATE	Y	Adjustable to 14°/2.000 msec max	msec	The flash rate.
POTENTIAL	Y	115/230 V ac adapter	V	The rated voltage of the item.
MATERIAL	Y	ABS/IP54		The predominant material that the item is made from.
FREQUENCY	Y	100-240 50/60 Hz	Hz	The nominal rated frequency of the item.

- **Testo 511 pressure gauge** - To assist in pressure verification on low pressure system

Property	Req	Value	UOM	Definition
RANGE	Y	300 to 1200 hPa	hPa	The range that can be accurately measured.
TYPE	Y	Digital		A subdivision into a particular classification.
MATERIAL	N	ABS, PC		The predominant material that the item is made from.
SPECIFICATION	N	Absolute pressure with an accuracy of +/-3		The international specification the manufacturer adheres to when the item is manufactured.
FURNISHED ITEMS	Y	Connection hose, silicone, 2 m long, max. load 700 hPa		Items furnished as accessories which are not specified elsewhere.