HUBERG
by QED

METREX

HAND-HELD NATURAL GAS LEAK DETECTIONINSTRUMENT

The METREX instrument is ATEX rated and designed for pre-localisation, localisation and classification of natural gas leaks in gas distribution networks
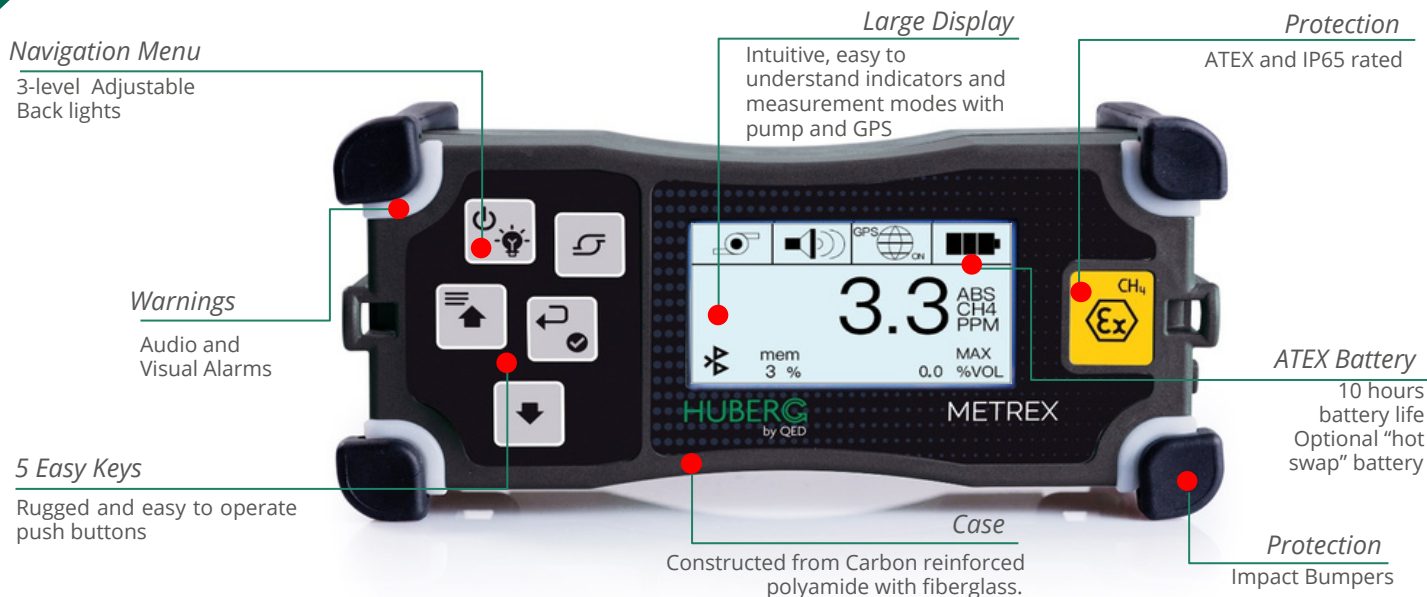
FEATURES

- 50% lighter than legacy model
- Simple menu and operation
- Easy to read LCD display
- Adjustable gas thresholds
- Onboard data logging
- Bluetooth data transfer
- Integrated ATEX GPS
- Compliance reporting with PROSoft Low maintenance and calibration costs IP65 rated

APPLICATIONS

- Emergency Services
- Leak detection in natural gas distribution networks Bar hole gas measurement
- Purging gas lines
- Enclosed space monitoring

Biix
Badajoz #45, Piso 17, Las Condes, Santiago, Chile.

www.biix.cl
contacto@biix.cl

+56 2 2940 2361

Technical Data Sheet Reference
DS 073 issue 01

METREX

Ideal for first responder technicians handling suspected gas leaks. Robust design and easy to use interface. Automatically scales to PPM / LEL / VOL.

Navigation Menu
3-level Adjustable Back lights

Warnings
Audio and Visual Alarms

5 Easy Keys
Rugged and easy to operate push buttons

Large Display
Intuitive, easy to understand indicators and measurement modes with pump and GPS

Protection
ATEX and IP65 rated

ATEX Battery
10 hours battery life Optional "hot swap" battery

Case
Constructed from Carbon reinforced polyamide with fiberglass.

Protection
Impact Bumpers

TECHNICAL SPECIFICATIONS

POWER SUPPLY			
Battery type	Li ion rechargeable, 3.7V-4000 mA/H	Battery charger	100-240V ATEX
Battery life	10 hours at 20°C/68°F (with backlight on)	Charge Time	4.5 hours from complete discharge

PUMP			
Flow	0.8l/min / 800cc/min	Pump Type	Diaphragm Pump

FACILITIES			
Alarms	Audio and Visual	Alarm Warnings	Gas threshold and pump stopped
Communications	Bluetooth with optional ATEX USB with Communication Charger	External probe options (see next page)	
Response Time	Gas detection in 5 seconds	T90 = <15 seconds @100%Vol (CH4/ C3H8)	

ENVIRONMENTAL CONDITIONS			
Operating Temperature	-30°C to +50°C/-22°F to 122°F	Operating / Storage humidity	<95% relative humidity non condensing
Storage Temperature	-40°C to +60°C /-40°F to 140°F		
Protection Class	IP65	Operational Pressure	800 mbar to 1,100mbar 23.62"Hg to 32.48"Hg

PHYSICAL			
Weight	1.3 kg/ 2.9 lbs (in operation)	Size (L x W x H)	230 x 97.5 x 110 mm 9.06"x 3.84 "x 4.33"
Case material	Carbon reinforced polyamide with fiberglass	Keys	"Tactile" soft membrane push buttons
Display	Liquid Crystal Display	Display (L x H)	86 x 47 mm / 3.39" x 1.85"
Sample Filters	25mm PTFE 0.45um dust and water filter (H-201272)	Connections	Push lock quick connect tube coupler

CERTIFICATION RATING			
ATEX	II 2G Ex dbib IIB T4 Gb	Gas calibration test	Certified cylinder with H-100157 Quicktest kit
Calibration	12 months by QED or authorized QED service and repair center complying with ISO standards		

BIIX SMART & GREEN SOLUTIONS

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