

## Picoyune MA-1

### *Wearable Mercury Vapor Monitor*

#### **specifications:**

detection method	- plasmonic
size	- 150x65x30 mm
weight	- 280 grams
calibrated range	- 0 to 10,000 $\mu\text{g}/\text{m}^3$
LOD in ideal conditions	- 1 $\mu\text{g}/\text{m}^3$
LOD in typical conditions	- 5 $\mu\text{g}/\text{m}^3$
sample frequency	- 1/minute
zero correction	- automatic
recalibration method	- factory
battery life	- 14 hours
battery	- UN38.3
alarm	- audible 85dB, visual
alarm level	- high/low alarm (user set)
data storage	- 6 months internal
data transfer	- via USB to PC
selectivity	- no interference from VOC, humidity (non-condensing), $\text{CO}_2$ , $\text{O}_2$ , $\text{SO}_2$ , $\text{NO}_x$ , and BTEX

included: monitor, particulate filters (4x), base station for charging and data transfer, case, and software to connect the MA-1 to a PC.

