




# TTOBENG

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Address	77, Soro 2-gil, Heungdeok-gu, Cheongju-si, Chungcheongbuk-do		
major business	Secondary battery-related manufacturing industry(instrumentation and engineering services, etc.) and environmental service industry(water quality management and air cleanliness management, etc.)		

We are designing, manufacturing and supplying precision auxiliary devices such as PMS(Air Quality Management System), FMVS(AI Deep Learning System), and gas sensors(TVOC, temperature, humidity, etc.) necessary for the secondary battery manufacturing process. Regarding the environmental service industry, we are developing an underwater micro-air supply device(including service service) and AI quarantine robots.

## Products

 PMS	<p><b>Use</b> Manufacturing process air quality monitoring sensor system</p> <p><b>Description</b> Fine dust measurement, dew point measurement, temperature/humidity measurement and wireless communication Main PC monitoring service provided(main supply is being supplied to secondary battery and semiconductor manufacturing processes such as LG Energy Solution and Simmtech)</p>
 FMVS	<p><b>Use</b> Installation in manufacturing process automation line</p> <p><b>Description</b> A system that records the production process with a precision camera on an automated production line with an AI deep learning system, learns it, and applies it to defect inspection(currently being delivered to LG Energy Solution Ochang Plant, Poland, China, USA, etc.)</p>
 Gas sensor	<p><b>Use</b> For secondary battery fire prevention(LEAK detection)</p> <p><b>Description</b> It is a technology that can precisely measure the gas leakage of secondary batteries in seconds, and is excellent for preventing secondary battery fires</p>

## Technical Capacity

### » Instrument design technology

PC artwork technology for optimal sensing

### » rendering design

Technology to utilize various design programs

### » Underwater bubble generation technology

Bubble generation technology using fluid dynamics design

### » Measurement information utilization technology

Technology to reflect measurement information in product design and productio