

Booth No. 1A10

PANAMIX



Year Established	2022	Type of Business	Manufactureing, Service
Website	www.panamix.co.kr	Main Export Countries	USA, Germany, Japan
SNS	https://www.youtube.com/@panamix_youtube		
Main Customer	Domestic Customers		International Customers
The Person In Charge	Name	Department	Position
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Company Description

PANAMIX is a company that develops safety diagnostic robots solutions, prioritizing the safety of people and the environment. In order to apply innovative solutions in all fields requiring safety diagnosis, such as water pipelines and dams, the company develops and utilizes ICT convergence technology.

Product

PANABOT

Function and Usage : PANABOT is a non-destructive inspection robot that detect defects in industrial structures such as water pipes and dam gates. It has strong magnetic wheels for surface adhesion on metal structures andis equipped with autonomous driving capabilities.

PANABOT's ultrasound sensors allow for immediate confirmation of various types of defects without causing any damage. It can diagnose the condition of welds in difficult-to-reach areas, blind spots and large structures.

Marketing and Selling Points : PANABOT utilizes C-scan technology to systematize the reflected echo signals from the inspection object into color-coded signals, creating a C-scan image. This innovative approach enables inspectors to interpret results without specialized knowledge of non-destructive testing.

Equipped with various sensors, our robot can detect and navigate around obstacles. It also allows for remote control, making inspections possible in structures and hazardous facilities that are difficult for humans to access.

PANABOT is essential for proactive checks and maintenance of large structures. Our solution plays a crucial role in safety diagnostics and industrial safety assessments. Furthermore, we hold multiple patents related to ultrasound technology, establishing a unique technological

