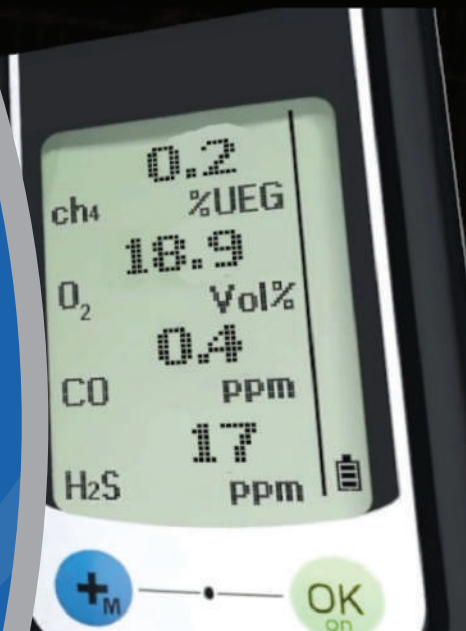# EMERSIM/MINE VR
SIMULATION

Virtual Reality-based Safe Mining Training Simulation

- Training System with Virtual Reality
- 3D Real Environment Models
- 3D Vehicle and Equipment Models
- Single Player/Multiplayer Training System
- Game Based Learning

simsoft

ch₄	CH_4 0.2 %UEG
O₂	O_2 18.9 Vol%
CO	0.4 ppm
H₂S	H_2S 17 ppm

EMERSIM/MINE VR SIMULATION

Training System with Virtual Reality
- 3D Real Environment Models
- 3D Vehicle and Equipment Models
- Single Player/Multiplayer Training System
- Game Based Learning VIRTUAL REALITY-BASED SAFE MINING

Mining Simulation provides the training of the personnel working in the underground mines in a risk-free environment and with advanced scenario options. It offers a realistic experience for users.

- Systems supported by Mixed Reality and Virtual Reality (VR) technologies
- Realistic dynamic modeling (Fire, water, smoke etc.)
- Training on different platforms

Main Scenarios
- Fire
- Air Burst
- Collapse
- Carbon Monoxide Leaks
- Accumulation of Coal Gas
- Short Circuit
- Tilting of Mobile Equipment

Trainer Console and Management System
- Creating and Editing of Personnel Records
- Assessment, Evaluation and Analysis
- Reporting and Archiving

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