



ENT-4D-BUBBLE
4D BUBBLE EFFECT MACHINE

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4D Bubble Effect Machine

Brand: TWT Technology

Model: ENT-4D-BUBBLE

Application: 4D / 5D Cinema, simulation theater, immersive entertainment systems

Product Overview

The ENT-4D-BUBBLE 4D Bubble Effect Machine is a professional atmospheric effects device designed to create floating bubble effects for immersive cinema and themed entertainment environments. Developed for synchronized operation in 4D/5D theaters, the machine enhances underwater scenes, fantasy sequences, family attractions, and interactive show environments by filling the space with dynamic bubbles.

When integrated with show-control systems, the ENT-4D-BUBBLE helps create a playful and immersive atmosphere, increasing audience engagement and strengthening the overall cinematic experience.

Key Features

- Professional 4D bubble effect generator
 - Designed for immersive cinema and simulation environments
 - Creates floating bubble effects for underwater and fantasy scenes
 - Suitable for synchronized operation with 4D / 5D show systems
 - Compact and efficient fluid consumption design
 - DMX control for professional system integration
 - Standard IEC power and 5-pin XLR signal connection
 - Suitable for fixed installation in theaters and entertainment venues
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Technical Specifications

Parameter	Specification
Product Name	4D Bubble Effect Machine
Model	ENT-4D-BUBBLE
Output Rate	50 ml/min
Fluid Tank Capacity	2 L
DMX Channel	1 channel
Power Connection	IEC
Signal Connection	5-pin XLR
Rated Power	120W

Effect Description

The ENT-4D-BUBBLE is designed to generate floating bubble effects that enhance underwater-themed scenes and interactive visual moments. When the movie presents an underwater world, the bubbles produced by the machine drift through the theater, creating a stronger sense of fun, motion, and immersion for the audience.

Typical effect applications include:

- Underwater world simulation
 - Fantasy and dream-like scenes
 - Family-friendly immersive attractions
 - Interactive environmental effects
 - Atmosphere enhancement in 4D theaters
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Performance Description

With an output rate of 50 ml/min, the ENT-4D-BUBBLE is suitable for controlled bubble generation in professional entertainment environments. The 2-liter fluid tank provides practical operating duration for programmed show sequences, while the 120W rated power supports efficient operation with manageable power consumption.

Its compact effect profile makes it suitable for installations requiring decorative and immersive bubble scenes without excessive space or energy demand.

Control and Integration

The unit supports 1-channel DMX control, allowing easy integration into:

- 4D / 5D cinema control systems
- Show automation platforms
- Motion seat and environmental effects systems
- Centralized entertainment control networks

The use of IEC power input and 5-pin XLR signal connection makes the ENT-4D-BUBBLE compatible with professional installation standards commonly used in theater and special effects environments.

Application Areas

- 4D Cinema
 - 5D Cinema
 - Motion simulation theater
 - Theme park attractions
 - Family entertainment venues
 - Immersive show installations
 - Underwater and fantasy-themed environments
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Technical Advantages

- Creates lively and immersive bubble effects
- Low power consumption for efficient operation
- Practical tank capacity for programmed use
- Professional DMX compatibility

- Easy integration into show-control systems
- Suitable for thematic and family-oriented attractions



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