

# TENDER DOCUMENT

**Product:**

INSTANT HAZER 1500 T PRO

**Article number:**

CLIH1500TPRO

**Brief Description:**

Touring hazer with microprocessor control, in 1,500 W class

## Specification Text:

The hazer shall be equipped with a robust flight case housing with a folding handle and butterfly fasteners for rugged mobile use. It must be possible to make the hazer fully operational and connectable by opening just one case lid. Supply air must be possible via air intake grilles already integrated in the case. The hazer shall be capable of delivering an output volume of 1,020 m<sup>3</sup> per minute. Warm-up time must not exceed 45 seconds. Haze output shall occur without additional heating and shall be adjustable in 1% increments, in the same way as the fan speed. The generated haze should have the quality of very uniform, fine mist with a long life and high reflectivity. The hazer must be able to emit mist without interruption, with no significant operating noises that could interfere with operation at noise-sensitive events such as TV and film productions, fashion shows, or company presentations. The kind of hissing that is common with conventional fog machines is not acceptable. The hazer must be equipped with a durable evaporation tube made of austenitic stainless steel (316). A microprocessor controller must ensure automatic self-cleaning, which prevents deposits. The hazer must be protected against overheating. Fluid consumption shall be only 17 ml per minute at 100% output. The output must be adjustable in its vertical ejection direction. It must be possible to store the fluid in a canister with a capacity of up to 5 liters inside the housing during operation and transport. A fluid must be used that is adapted to the hazer's requirements for viscosity and temperature behavior. The fluid must be based on water that has been distilled 10 times and must be 100% oil-free and odor-free. It must be biodegradable and completely harmless to health. The hazer must be controllable via a DMX control circuit for haze volumes and via another DMX control circuit for the fan speed, at least in percentage increments. Using a 3-digit LED display and 3 backlit buttons, the hazer must be configurable and separately controllable in percent increments on the device and without DMX control.

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## Required data:

Fluid consumption:  $\leq 17$  ml/min (100% output)Max. Output:  $\geq 1,020$  m<sup>3</sup>/minWarm-up time:  $\leq 45$  sec.

Overheating protection: Heating element with thermostat

Fluid reservoir: Integrated slide-in module for fluid canisters up to 5 l

Protocols: DMX512

DMX mode: 2-channel

DMX functions: Haze quantity, fan

Standalone modes: Haze quantity, fan

Signal in: 3-pin, 5-pin XLR

Signal out: 3-pin, 5-pin XLR

Protection class: 1

AC in: 240 V AC / 50 Hz

Pmax:  $\leq 1,500$  W

Power supply connection: Power cable with safety plug (type E/CEE 7/7)

Color: Black

Dimensions:  $\leq 415$  x 466 x 555 mmWeight:  $\leq 25$  kg

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## General:

The fluids offered must be prepared safely in accordance with EC Regulation 1907/2006 (REACH) and the EC Directive 1272/2008.

The following accessories must be available as an option:

Special liquid for INSTANT water-based hazer machines – long life – fine fog density

The following are supplied ready for use:  
(not included in delivery)

5 liters of very high-quality special fluid for INSTANT water-based hazer machines  
CERTIFICATE OF SUITABILITY for fog fluids supplied  
SAFETY DATA SHEET in accordance with 1907/2006 / EC for fog fluids supplied