

EYE 4D MULTI Chamber® (複合環境試験装置) DIN 75220/MIL-810G(H) 対応光源ユニット

■EYE 4D MULTI Chamber®とは

EYE 4D MULTI Chamber® is a testing machine with the concept of performing an evaluation test on a three-dimensional object such as a finished product, instead of evaluating each material by the shape of a plate. The specifications that can store even large products such as bicycles and allow you to freely select the required light source are used by many customers as a light resistance / heat resistance evaluation tester using ultraviolet rays and infrared rays (heating).

■DIN 75220/MIL-810G(H) 対応光源ユニット

DIN 75220 is a standard widely adopted in Europe as a weathering test standard for automobiles and related components. In addition to the complicated cycle assuming high humidity / dryness and daytime / nighttime, there are strict regulations for irradiation in a wide band of 280nm to 3000nm, and it is one of the standards with few testing machines that can handle it. MIL 810G (H) is a US military procurement standard established by the US Department of Defense, which also has the same irradiation regulations as DIN 75220.

Iwasaki Electric has developed a light source unit that satisfies this standard with its own light source and its own designed optical filter.

Available as a selective light source option for the EYE 4D MULTI Chamber.



WP4D DIN 75220対応ユニット搭載写真

Reference specifications (with DIN 75220 compatible light source) Light source: 2 metal halide lamps
Illuminance: Maximum 2000W / m²
In-tank dimensions: W1100 x D1000 x H1020 mm
Effective irradiation range: W800 x D800 mm
Temperature / humidity range: -45 ~ + 120 °C, 30 ~ 95%

(Air outlet measurement when not irradiating)

※Specifications are subject to change at our convenience.



DIN 75220対応ユニット (照射時)

EYE 4D MULTI Chamber The series includes a new product, WP4D (shown in the photo above), which is a new interface hardware that enables further convenience and a wide range of tests.

In addition, this new chamber is a target product of the paid "irradiation service".

By using the equipment installed by our company, customers can experience the effect without initial investment.

Please feel free to contact us.



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