

## **Weiss-Umwelttechnik GmbH Typ: UV 200 (Bewitterungsgerät nach BAM)**

Year of manufacture: 1990  
Condition: ready for use, used  
Functionality: fully functional

**Price: € 7.900,00 plus VAT and delivery**

Connection voltage: 380 V  
Connected load: 7.5 kVA  
Specific power requirement: 2 kW/m<sup>2</sup>

Global UV weathering tests with a global spectrum, similar to xenon arc, but using fluorescent tubes.

Test chamber volume: 200 litres  
Test area: 0.75 m<sup>2</sup>  
Test chamber dimensions, H x W x D: 1,100 x 800 x 250 mm  
Temperature range without insulation: -20°C to +90°C  
Temperature range with insulation: +10°C to +90°C  
Temperature stability: ±2 K  
Dew point temperature range: +5°C to +40°C  
Humidity range: approx. 15–95% RH  
Specimen humidification with 8 spray nozzles

The system uses fluorescent UV light sources to simulate the damaging spectrum of solar radiation in the laboratory, thereby accelerating age-related effects such as colour change, loss of gloss, cracking, embrittlement, and material degradation. Programmable cycles of UV exposure, temperature control, and optional humidity or condensation phases reproduce realistic environmental stresses and repeat them in a reproducible manner.

Dismantling by the buyer.









