



## DATA SHEET

### HSM V

(Code 1520)

HEAD Seat Mount Adapter for the Artificial Head Measurement System HMS III or HMS IV

#### Overview

The HSM V seat mount adapter is a stable platform for performing artificial head recordings in a vehicle. Thanks to a quick-lock coupling, the artificial head can be attached quickly and easily to the lockable carriage on the back rail, resulting on a position resembling a person sitting in the vehicle. For precise positioning of the artificial head, the height of the carriage can be adjusted, and it can be tilted up to 30 degrees in the driving direction. The two spheres on the side arm of the back rail ensure a sufficient distance between the artificial head and the backrest to avoid interfering friction noise.

Additional devices, such as HEADlab modules or a notebook, can be mounted safely on the bottom plate using suitable accessories, making them easily accessible from the driver's seat.

Spheres on the bottom side of the mounting plate ensure stability. For the drive, the HSM V is secured with the safety belt or with the optional ISOFIX adapter (provided that the vehicle is equipped with suitable ISOFIX attachment points).

#### Features

- Solution for recordings in a vehicle with the artificial head measurement system HMS III or HMS IV
- Convenient system for mounting the artificial head and other devices on a car seat
- Easy attachment of the artificial head with a quick-lock coupling
- Pressure-free positioning of the artificial head
- Seamless height adjustment (120 mm - 4.7") and angle adjustment (30 degrees) for exact positioning of the artificial head
- Spheres on the side arm of the back rail and under the bottom plate ensure stability
- Seat belt fastener for high stability of measurement equipment during the drive
- Easy mounting of HEADlab systems
- Accessories (optional) for attaching additional devices (e.g. notebook, PEQ V, BEQ II)
- ISOFIX adapter (optional) for safe attachment to the front or rear passenger seat

#### Standard Delivery Items:

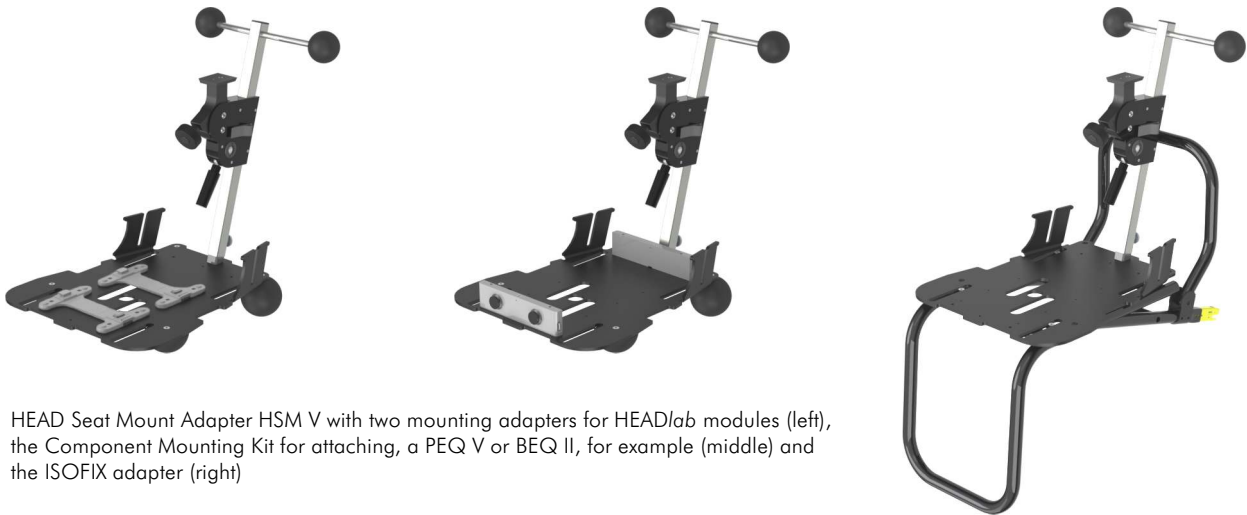
- HSM V (Code 1520)  
HEAD Seat Mount Adapter for an artificial head measurement system
- HQR-P (Code 1965)  
HEAD Quick Release Plate for HMS III and HMS IV

#### Accessories (optional):

- labMA-a Code (3760)  
HEADlab Mount adapter, active
- labMA-p (Code 3761)  
HEADlab Mount adapter, passive
- HSM V.FX (Code 1521)  
ISOFIX adapter for HSM V
- HSM IV.A2 (Code 1348-02)  
Component Mounting Kit  
Two side mounting plates for mounting HEAD devices of HEAD acoustics  
(for HSM IV and HSM V)
- HQR-P (Code 1965)  
HEAD Quick Release Plate for HMS III and HMS IV



HEAD Seat Mount Adapter HSM V, side view (left), top view (middle) and front view (right)



HEAD Seat Mount Adapter HSM V with two mounting adapters for HEADlab modules (left), the Component Mounting Kit for attaching, a PEQ V or BEQ II, for example (middle) and the ISOFIX adapter (right)

### Technical Data HSM V

- Height: 551 mm (21.7")
- Width (bottom plate): 375 mm (14.8")
- Height adjustment travel: 120 mm (4.7")
- Adjustable pivot joint: 25° to -5°
- Weight: 5,3 kg (11.7 lb)
- Elevation of artificial head: min. 655 mm (25.8") to max. 775 mm (30.5")  
measured between crosshair on artificial head - ear elevation -  
and bottom of base plate

