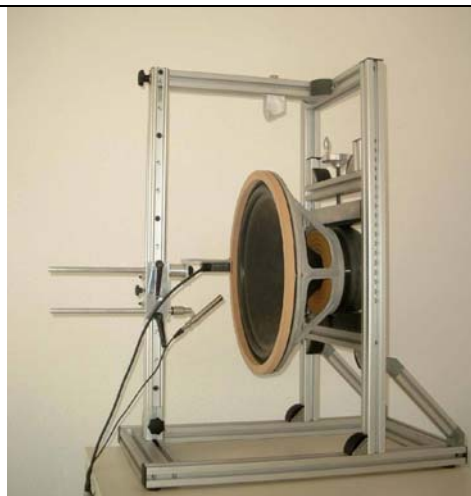


Accessory of the KLIPPEL ANALYZER SYSTEM

FEATURES

- Rigid mounting of drivers in vertical position
- One-hand operation
- Holding different kinds of displacement sensors and microphones for near field measurements
- Fast sensor adjustment in vertical and horizontal position and rotating in two axis
- Made of nonmagnetic material
- Integrated spacer for laser calibration
- Removable sensor guide
- Useful accessory for driver measurements



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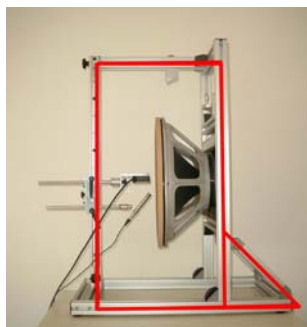
FUNCTION

Dimensions	85 x 85 x 41 cm (34 x 34 x 17 inch)
Weight	< 18 kg
Finish	anodized aluminum
Material	aluminum and stainless steel
Type of sensors	Microphone or Laser displacement meter
Sensor adjustment	Vertical, horizontal, 360° rotation
Type of drivers	Woofers, mid range drivers and tweeters
Position of driver	Main radiation axis points in horizontal direction
Radiation condition	Free air
Max. diameter of driver magnet (used for clamping)	33 cm (13 inch)
Max. diameter of driver's frame	75 cm (30 inch)

Assembly

The stand comes in pre-mounted parts (traverse with feet, sensor guide, driver clamp) and can be set up in a few minutes.

Low vibration



Although the stand can easily be moved it gives a rigid hold of driver by using a rigid aluminum profile (40 mm x 40 mm). The diagonal crossbeam reduces the vibration of the driver frame. The vertical rail for the sensor guide is linked at the top and bottom with the driver clamp to measure displacements relatively to the frame and to compensate for residual vibration.

Precise sensor adjustment



The slide carrying the sensor bars are guided on wheels running in high precision stainless steel rails.

Rigid clamping of the driver



The lower clamp has a rest with three different shapes (plane, V-shaped for tweeters, V-shaped for woofers). This makes it easy to mount the driver in the same centre position.

Note: It is essential to mount the driver in center position, since the pressure for fixing may easily damage the stand at other positions.

Removable sensor guide



The complete sensor guide may be removed by loosening two screws. This is convenient when big drivers have to be set into or removed from the stand without changing the position of the laser and microphone.

One-hand operation



While holding the driver in one hand the cross bolts may be released by the other hand. Then the driver is clamped by using the centre wheel.



Exciters



The stand supports the operation of the laser sensor in horizontal and vertical direction.

Calibration



The calibration spacer for the laser displacement meter is incorporated into the professional driver stand to avoid calibration errors due to tilting. The calibration spacer offers 10 mm stairs that are optimal for the ANR series. For other laser sensors with a smaller displacement range a translation stage with a high resolution micrometer is a recommended accessory.