

## Datasheet

# APACHE Portal first choice

### Eagle-eye beware.

*The steely and generally four-footed Indians made by AKL-tec have been in use for seamless freight scanning and accurate documentation from as early as 1996. The system is even available in a legal for trade version since 2008.*

The freight is carried to the checkpoint by a forklift, a hand-operated lifting car or an electric lifting car. There it is placed on a platform scale and APACHE portal's sharp eyes are already putting the object accurately under the magnifying glass. The length, breadth, height, loading aid, volume, weight and photograph are displayed, stored and documented.

In forwarding, APACHE portal provides the exact freight data for delivery notes and tracking the consignment. For logistics service-providers such as forwarders, in air-freight companies and airlines, the alert Indian assists with tracking down freight that has been declared too light.

For example, if pieces of freight are "bulky", i.e. their volumes are exaggerated in comparison with their weight, logistics companies and dispatchers need to talk to each other urgently. APACHE shows the way to do this. This hidden bulkiness and low declarations, as well as their transparency and accuracy in particular, have led to considerable additional income for many APACHE users.


The simplest operation as well as fully developed interfaces to superposed systems have made the integration of portal scanners real success stories.

APACHE portal first choice – reduced to essentials.



## Technical Data

<b>Dimensions</b>	
Length	240 cm
Width	230 cm
Height	320 cm
<b>Measuring Area</b>	180 cm x 200 cm
<b>Measuring Height</b>	Maximum 250 cm
<b>Speed of Movement</b>	The measuring axis moves at a constant speed of 20 m/min
<b>Method of Measurement</b>	Two infrared scanners (fan scanners) are driven on two linear guides over the freight and load carrier to be measured. Movement is tracked with an incremental encoder. Over the run, the heads perform gapless scanning
<b>Measurement Uncertainty (MPE)</b>	Length, width of the smallest enclosing cuboid (covering box) 2 cm
	Height of the smallest enclosing cuboid 1 cm
<b>Division</b>	Length = 2 cm, Width = 2 cm, Height = 1 cm
<b>Weighing</b>	Platform scale 1,5m x 1,25m, 2t
<b>Limitations/Exclusions</b>	Measurement of non-transparent, i.e. opaque, objects only. Measurement of dimensionally stable / form-stable objects only.
<b>Protrusion</b>	Protrusions on the object smaller than 4 cm in length and width, or 1 cm in height are ignored when measuring the smallest enclosing cuboid.
<b>Connectability of Weighing Station</b>	Legal and type-examination tested weighing stations according to OIML R76 and MID. Display unit with serial data interface (RS232, RS422, RS485). Display equipment that performs a standstill check before data output
<b>Computer Platform (IPC)</b>	Analytical computer APACHE portal with Windows XP ®
<b>Communication</b>	TCP/IP Ethernet 10/100 over RJ45 plug (cannot be individualised)
<b>Operating panel</b>	Touch panel as user input interface for secondary data. Visualization of measurement results and images.

<b>Power connection</b>	230VAC, 16A earthed/grounded plug with transformer also after protective circuit interrupter
<b>IT Connection</b>	10/100 Mbit/s
<b>Operating Conditions</b>	<b>Operating Temperature:</b> 0° C to +40° C (+32° F to +104° F) <b>Humidity:</b> maximum 85% non-condensing
<b>Transport options</b>	Folding stand and option for transporting in a truck swap-body.
<b>Type Approval</b>	OIML R:129 MID009
<b>Color</b>	<u>Standard:</u> RAL 5002
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