



# SPHERE ALIGNMENT



**SPHERE ARP3D.HP**

四轮定位仪

*Wheel  
aligner*



ALIGNMENT  
READING IN 8"

 **Bluetooth®**

测量传感器与电脑之间  
通过蓝牙传送信息

*Bluetooth transmission  
between measuring  
heads and control unit.*

目标靶

**PATENT  
PENDING**

1,2 kg



速度特别快，  
无需偏差补偿

独有的3D技术：

- 无需偏位补偿
- 很轻
- 内部没有电子元件
- 无需维修

*Exclusive 3D targets:*

- no need for run out compensation
- extremely light
- no electronic components inside
- no maintenance required.

三爪快速夹具

**PATENT  
PENDING**



快速安装

自定心三点夹具  
能够快速夹住轮胎  
避免了金属与金属的  
之间接触

*Pair of self-centering 3  
point clamps.  
Equipped with quick  
claws approach  
device.  
No metal-to-metal  
contact.*



8"-24"



480-760 mm  
(19"-30")

举升机水平度补偿



能和所有4柱举升机  
及剪式举升机配合  
使用。

*Can be used on any  
4 post or scissors lift.  
Automatic lift level  
compensation.*

## ARP 3D HP.B

### 快速充电



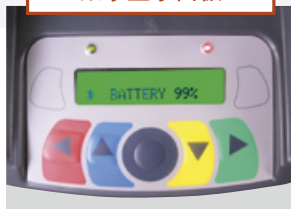
### 内置电池

带电池的类型  
快速更换电池  
包括对电池和传感器的充电线

*Version with batteries for fixed or mobile installation.  
Quick battery change.  
Includes wiring to recharge batteries also on sensors.*



### 数字显示面板



绿灯: 充电中/外电源指示灯

**GREEN LED:** battery under charge/  
external powering

红灯: 工作指示灯

**RED LED:** detector on

显示屏: 电池电量

**DISPLAY:** battery level

### 遥控

按键操作从而实现远程控制

*Keyboard with  
remote-control function.*

### 高精度目标读数

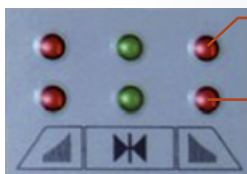
### LED指示



引导调整, 无需查看显示器

*Guided adjustments with no need to see the  
monitor.*

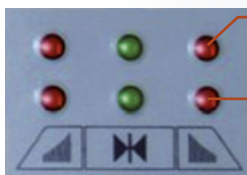
### 前轮LED - LED front



外倾角/主销后倾角  
*Camber/Caster*

后倾角  
*Toe*

### 后轮LED - LED rear



外倾角  
*Camber*

后倾角  
*Toe*

### 高像素摄像头



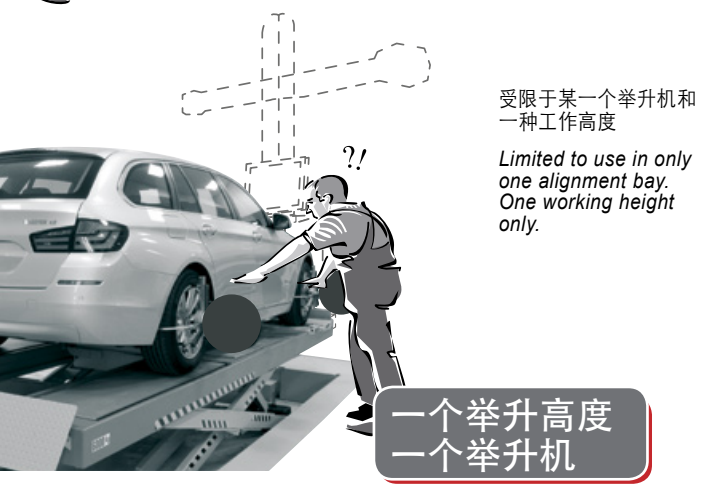
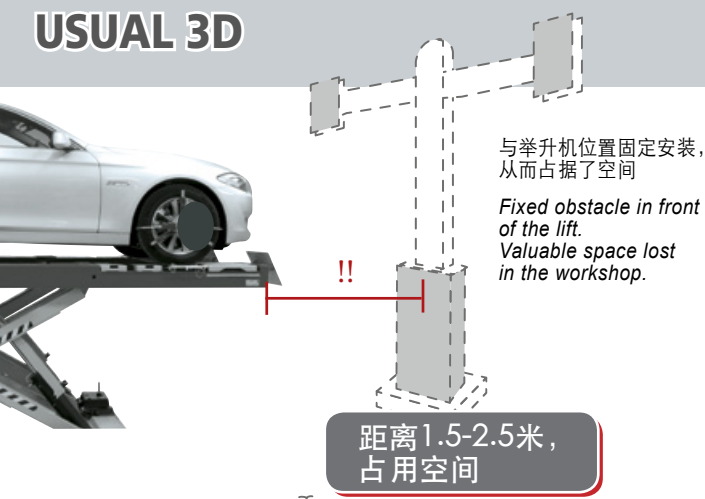
### 打方向



### 无需适配器



USUAL 3D



SPHERE ALIGNMENT

轻便式的定位仪角撑架可以方便地固定在任何地方从而最大限度地提高空间利用率

*Portable aligner console can be positioned anywhere for ultimate convenience. Maximizes available workspace.*



➤ 无障碍

数据的传输畅通无阻

*Perfect transmission signal always.*



➤ 信号没有干扰

无需移动车辆来进行偏位补偿自动并且3D可视化

*No rolling or pushing of the vehicle to make runout compensation. Automatic and instant 3D target visualization.*



➤ 无需偏差补偿

可以在多个举升机上使用，不限举升机和工作高度

*Use the aligner in more than one bay location (optional supports required). Can be used at any height.*

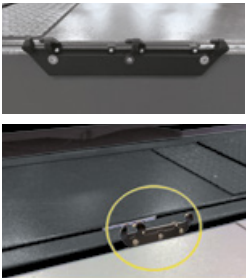


➤ 空间无限制

ARP 3D HP  
ARP 3D HP.B

固定摄像头版本  
配备三爪自定心卡具从而  
避免了偏位补偿  
容易操作  
可以在每一个传感器上  
遥控  
必要时也可以进行偏位  
补偿

Version with fixed cameras.  
Equipped with tire grabbing  
3 point clamps to avoid run  
out compensation.  
Very quick to use.  
Remote control located  
on each sensor.  
Run out compensation  
when required.



支持两种标准  
2 standard  
supports



monitor 22"



4 kg

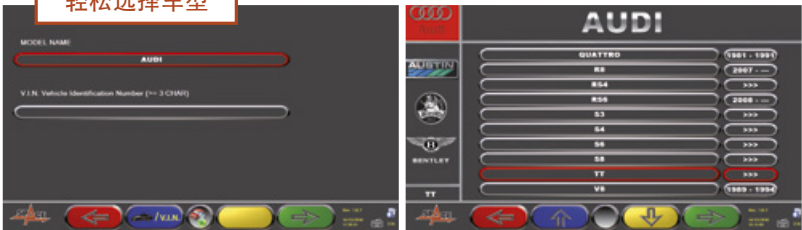
便携并安全

能够快速安装在举升机上，同时  
轴销避免了车辆在下降过程中受  
到障碍物损害。  
Quick clamp to the lift. Pivoting  
support to avoid damage with  
obstacles while lowering.

紧凑并可调节

传感器的支架也可以向外调整  
65mm以适应大型车辆。  
The base of the sensor can be  
translated outward by 65 mm in  
case of extra large vehicles.

轻松选择车型



通过选择车辆类型或输入V.I.N.号码快速进入操作系统  
Quick entering of vehicle by model or V.I.N. number



屏幕上同时显示汇总的诊断数据并进行比较  
Summary and comparison of diagnosis/repair  
values on a single screen.

必要时进行偏位补偿

必要时进行偏位补偿\*。  
Run out compensation when required\*.

* Ø 500mm	→	150mm
Ø 600mm	→	170mm
Ø 700mm	→	200mm
Ø 800mm	→	230mm



## 3D资料



## 数据简单易懂



## 校对简单



在Windows系统中进行数据管理和展示  
数据库包括超过90,000辆车辆的数据  
用户也可以自行添加数据至数据库  
通过搜索用户名称或车牌号可以找到对应的客户数据库，  
客户数据库能够存储20,000次操作记录。

- Data management and display program in WINDOWS environment
- Data bank with more than 90.000 vehicle data sheets
- Further data sheets can be added by the user
- Customer data bank for recording 20.000 jobs with search by customer name or vehicle plate number

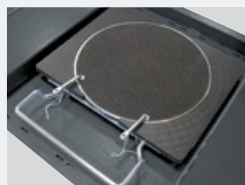
## 标准

一个控制柜包括主机，  
显示器，键盘，打印机  
两个测量传感器  
四个夹具  
一对转角盘  
一个制动踏板  
一个方向盘锁  
一张操作光盘

- 1 control unit with PC, monitor, key-board, printer
- 2 measuring heads
- 4 clamps with target
- 1 pair of turn tables
- 1 brake pedal depressor
- 1 steering wheel lock
- Instruction manual on CD



STDA117  
(2 x kit)



STDA124  
(2 x kit)  
转盘  
Turntables



技术参数	Technical Features	精度 Accuracy	测量范围 Measuring range	总测量范围 Total measuring range
前轴	Front axle			
总前束	Total toe	+/- 2'	+/- 2°	+/- 20°
分前束	Partial toe	+/- 1'	+/- 1°	+/- 20°
轴距偏位	Set-back	+/- 2'	+/- 2°	+/- 5°
外倾角	Camber	+/- 2'	+/- 3°	+/- 10°
后倾角	Caster	+/- 5'	+/- 10°	+/- 18°
主轴	King pin	+/- 5'	+/- 10°	+/- 18°
后轴	Rear axle			
总前束	Total toe	+/- 2'	+/- 2°	+/- 20°
部分前束	Partial toe	+/- 1'	+/- 1°	+/- 20°
轴距偏位	Set-back	+/- 2'	+/- 2°	+/- 5°
外倾角	Camber	+/- 2'	+/- 3°	+/- 10°
推进角	Thrust angle	+/- 2'	+/- 2°	+/- 5°

## 选配件

### STDA 118 (→ VERSION.B)

两条线用来紧急供电  
2 cables for emergency power supply

### STDA 128 (→ ARP 3D HP.B)

额外两组电池  
Additional 2 batteries set