

产品名称 Product Name	1200-AKL	
长度 Length	13ft 4in (4.06m)	
宽度 Width	11ft 4in (3.45m)	
高度 Height	11ft 3in (3.43m)	
长度范围 Length Capacity	8ft 2in (2.5m)	5ft (1.5m)
宽度范围 Width Capacity	8ft 2in (2.5m)	8ft 2in (2.5m)
高度范围 Height Capacity	9ft 2in (2.8m)	9ft 2in (2.8m)
测量范围 Measurement Increment	+/- 0.6 (1.5cm)	+/- 0.6 (1.5cm)
最小测量长度及宽度 Minimum Length & Width	6in (15cm)	
最小测量高度 Minimum Height	4in (10cm)	
测量传感器 Measuring Sensor	两个红外线雷射传感器,905nm,第一级(无损视力),符合德国雷射产品安全标准 Two infrared laser scanners, 905nm, Class1 (eye-safe), according to DIN EN 60825-1	
连接性 Connectivity	1-EIA RS232-C, 双向连接埠, 10 BaseT 10Mbps 以太網路行速 1-EIA RS232-C, bi-directional serial port 10 BaseT 10 Mbps Ethernet port	
用户接口 User Interface(s)	集成的显示器及键盘 / QBIT™软件 Integrated Display & Keypad / QBIT™ Software	
数据输出 Data Output	ASCII (数据传输表格) ODBC TCP/IP 电报 (ASCII) ASCII (transfer table) ODBC TCP/IP Telegram (ASCII)	
电源要求 Power Requirements	95-240 VAC, 47-63 Hz, 单相 single phase	
操作温度 Operating Temperature	40-104 °F (5-40 °C)	
湿度 Humidity	无结露状态 0-90% non-condensing	



1200-AKL

The large-scale static pallet dimensioning and weighing device
大型静态托盘式重量与体积测量系统

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工业及物流设备专家

Specialist in Industrial & Logistics Equipment



1200-AKL

应用/优点

- 快速准确地测量货物尺寸
- 提供实际体积或立方体积（货物最长、最宽及最高尺寸）
- 可配合地磅使用
- 与仓库管理及装箱/装载优化软件兼容

Applications/Benefits

- Dimensions freight quickly and accurately
- Provides actual volume or cubic volume (the tallest, widest, and deepest dimensions of the object being measured)
- Can be equipped with or without optional floor-mounted deckscale
- Compatible with warehouse management, load planning, and shipping/manifesting software packages

货运舱单/核查应用

- 可安装于移动式配置，便于随时改变位置
- 天花悬挂式设计允许货物从360度全方位驶进测量区域
- 全方位扫描测量货物
- 同时测量体积及计算重量
- 可一次测量多件、装载或未装载在托盘上的货物
- 可使用净重测量功能，自动减去托盘尺寸及重量
- 尺寸与重量数据使用公制/英制单位表示

Freight Manifesting/Auditing Applications

- Can be installed in a portable configuration allowing it to easily be relocated in a freight facility
- Can be ceiling mounted allowing for 360 degree access to the measuring area
- Measures freight in any orientation
- Captures dimensional and reweigh data simultaneously
- Handles multi-piece, palletized, or non-palletized shipments
- Tare functions allows for subtraction of pallet dimensions and/or weight
- Outputs dimensions and weight in metric or imperial

更多优势

- 系统包含电箱、面板式电脑控制器、触屏和集成数据处理软件
- 以实时方式将数据传输及整合至货运舱单系统
- 确保数据完整性
- 使用对操作员及包装物品都较为安全的感应技术
- 可测量任何颜色及形状的货物
- 可于任何照明条件下操作

More Highlights

- Includes an electronics cabinet and panel mounted PC controller, touch-screen monitor, and integrated data collection software
- Real-time data transfer and integration to shipping/manifesting software systems
- Protects data integrity
- Uses sensing technology that is safe for both operators and package contents
- Measures all colors and shapes of freight
- Operates in any indoor lighting condition

1200-AKL 为大型静态重量与体积测量系统，能配合重载地磅使用（或独立使用）。系统使用悬挂式传感器，容许货物从任何方向驶进测量区，全方位扫描测量货物。只要环境条件许可，系统可悬挂于天花下，方便用户操控及提取货物，同时完全避免测量系统对货物造成损坏。强大且精准的传感器更能从任意方位，测量任何大小、颜色及材质的货物。

1200-AKL is a large-scale static dimension scanning device that can work in conjunction with a heavy-capacity floor scale (or in a stand-alone position when weight is not required). Its overhead-mounted sensor configuration provides a comprehensive view of the freight measurement area while allowing access from any direction. Depending on location and facility characteristics, it can be ceiling-mounted, providing unobstructed access for the user and protection against equipment damage. The powerful and accurate sensors measure freight in any orientation and of virtually any shape, color, or package material.

1200-AKL 采用最先进红外线镭射感应技术，对操作员及货物都非常安全（符合德国镭射产品安全标准）。两个镭射传感器分别置于架高的平行导轨上，同时扫描测量货物（一般需要10至15秒）。无需接触货物，无特别照明环境要求，系统亦可准确地三维扫描测量区域。一般设定下，系统可测量大小介于1立方呎至8 x 8 x 8呎（2.5 x 2.5 x 2.5米）之间的货物。其长度及宽度测量精度为0.8吋（20毫米），高度为0.4吋（10毫米）。如需测量更大型货物，可选用其他型号的AKL测量系统。

1200-AKL utilizes advanced Class 1 infrared laser sensing technology that is safe for operators and freight (in accordance with DIN EN 60825-1 usage regulations). Two laser scanners are fixed to parallel guides that pass over the freight (normally taking 10 to 15 seconds). The system scans a three-dimensional measurement area without special illumination or contact. In its standard configuration it is capable of measuring from 1 cubic foot to 8 x 8 x 8 feet (2.5 x 2.5 x 2.5 meters). Measurement resolution is ± 0.8 inches (20mm) on length and width, and ± 0.4 inches (10mm) on height. Larger, customized versions of the system are available.

1200-AKL 系统包含电箱、面板式电脑控制器、触控屏及集成数据处理软件，可同时处理多件货物（尺寸可为各异）、追踪托盘包裹中的货物，及将测量数据输送至用户的货物处理系统。用户可购置高像素数码镜头，方便有效地纪录货物损毁情况。测量系统可配合多款地磅、条形扫描及标签打印设备，为用户打造货物测量及追踪的成套工作站。

With a panel-mounted PC controller, touch-screen monitor, and integrated data collection software, the 1200-AKL can process multi-piece shipments (having parcels of the same or random sizes), initiate parcel tracking tasks, and prepare the collected dimensional and weight data to be transferred to the customer's data processing system. An accessory high-resolution digital camera and a special software module can be integrated to allow for convenient and reliable documentation of freight damage. Finally, the system can be programmed to work with a wide variety of floor-scale digital display units. Barcode label scanning and printing devices can also be used with the 1200-AKL to create a turnkey cubing, weighing, and tracking workstation.

