

TOTAL INDUSTRIAL SOLUTIONS



- Industrial weighing
- Retail weighing
- Precision weighing
- Material handling
- Product inspection solution
- Calibration and AMC Services
- Industrial weighing software development
- ERP Solutions

Endeavour Instruments Africa Limited, is a part of the engineering conglomerate **E-Global Group of Companies**. E-Global Group, founded in 1992, has established its presence across **India, Middle East, and Africa**, through its various companies. EIAL is a market leader in the weighing industry in the African region, the headquarters of EIAL was founded in Nairobi, Kenya in 2002. Over the last 2 decades, the company has formed a strong network of dealers and partners across countries like **Rwanda, Uganda, Zambia, Tanzania, and many more**.

EIAL is the largest supplier and service provider of a wide variety of industrial products and services, in the African region. Our list of offerings includes;

- **Weighing accessories and specialized services**
 - Indicators
 - Loadcells
 - Junction boxes
 - Display systems
 - Tank weighing and dosing solutions
 - AMC and servicing for all types machinery
- **Material handling equipment**
 - Hand pallet truck
 - High lift pallet truck
 - Drum stacker and carrier
 - Manual stacker
 - Semi-electric stacker
- **Product Inspection solutions**
 - Checkweigher
 - Metal detector
 - X-Ray inspection system
 - Color sorting machines
- **Industrial Software solutions**
 - Weighbridge software
 - Weighing scale software
 - Lab management systems
 - ERP Solutions
- **End-to-end weighing solutions**
 - Industrial Weighing scales
 - Retail weighing solutions
 - Precision balances
 - Weighbridges or Truck Scales
- **Calibration services (KENAS Accredited Calibration Lab)**
 - Temperature
 - Pressure
 - Mass
 - Electrical
 - Linear
 - Gas
 - Level and flow monitoring

Our highly trained, specialised, and experienced team of technicians and engineers ensure that our products and services not just match, but surpass the national and international standard of quality and accuracy. Endeavour Instruments guarantees a one-stop solution for all your industrial requirements.

We pride ourselves on the life-long relationships that we have formed with our 5000+ clients across the African region, and we are eager to form a fruitful relationship with you.

LAB / ANALYTICAL / PRECISION / JEWELLERY- WEIGHING BALANCE



MODEL	THB				EJB NB+	
CAPACITY	300g	600g	1500g	150g	1500g	
READABILITY	0.01g	0.02g	0.05g	0.001g	0.01g	
MINIMUM LOAD	0.2g	0.4g	1g	0.02	0.2g	
PAN SIZE	Φ 120mm	124 x 144mm S.S Pan			Φ 80	Φ 120
WINDSHIELD	YES	NO			YES	NO
DISPLAY	16.5mm digit LCD display with LED back light					
POWER	AC adapter (12V/500mA), Rechargeable battery(6V/1.2Ah)					
KEYBOARD	7 Keys			eys (Membrane Keyboard)		
FUNCTION	Application program includes piece counting, present tare, piece checking alarm, accumulation & unit conversion					
INTERFACES	1 X RS-232					



MODEL	PS Series			
CAPACITY	510g	1000g	3500g	4500g
READABILITY	1 mg		10 mg	
MINIMUM LOAD	20 mg		500 mg	
PAN SIZE	128mm x 128mm		195mm x 195mm	
WINDSHIELD	YES		NO	
DISPLAY	LCD (Backlight)		LCD (Backlight)	
POWER	12 ÷ 16 V DC		12 ÷ 16 V DC	
LINEARITY	±2 mg	±3 mg	±20 mg	±20 mg
REPEATABILITY	1 mg	1.5 mg	10 mg	10 mg
WORKING TEMPERATURE	+10 - +40 °C		+10 - +40 °C	
FUNCTION	AUTOSSET, CHECKWEIGHING, DOSING, PARTS COUNTING, PRESENT WEIGHING, TOTALIZING, UNDERHOOK WEIGHING, DENSITY DETERMINATION, PEAK HOLD/ANIMAL WEIGHING			
ADJUSTMENT CALIBRATION	EXTERNAL		EXTERNAL	
INTERFACES	2 x RS 232	USB A	USB B	Wifi Optional



MODEL	AS Series	
CAPACITY	200g	
READABILITY	0.1 mg	
MINIMUM LOAD	10 mg	
PAN SIZE	Φ 85	
WINDSHIELD	YES	
DISPLAY	LCD Display with LED Back light	
POWER	12 ÷ 16 V DC	
REPEATABILITY / LINEARITY	0.1 mg	±0.2 mg
WORKING TEMPERATURE	+10 ° - +40 °C	
FUNCTION	AUTOSSET, CHECKWEIGHING, DOSING, PARTS COUNTING, PRESENT WEIGHING, TOTALIZING, UNDERHOOK WEIGHING, DENSITY DETERMINATION, PEAK HOLD/ANIMAL WEIGHING	
ADJUSTMENT CALIBRATION	INTERNAL (Automatic)	EXTERNAL Option is available
INTERFACES	2 x RS 232	USB A USB B WiFi Optional

LAB,
ANALYTICAL,
PRECISION,
JEWELLERY-
WEIGHING
SCALE

TABLE TOP SCALE



MODEL	ET-28 (SPLASH PROOF SCALE)		
CAPACITY	3 Kg	6 Kg	15 Kg
READABILITY	0.5g	1g	2g
MINIMUM LOAD	10g	20g	40g
PAN SIZE	230mm x 190mm		
DISPLAY	25mm digit LCD display, with white LED backlight		
HOUSING	ABS Plastic Body, S.S. PAN		
KEYBOARD	3 Keys (Membrane Keyboard)		
POWER	AC adapter (12V/500mA), Internal rechargeable battery (6V/4Ah)		



(Water Proof Washer)

MODEL	S29 BR		
CAPACITY	3 Kg	6 Kg	15 Kg
READABILITY	1g	1g	2g
MINIMUM LOAD	10g	20g	40g
PAN SIZE	230mm x 190mm		
DISPLAY	25mm digit LCD display, with white LED backlight		
HOUSING	SST Housing, S.S. PAN		
KEYBOARD	3 Keys (Mechanical Switch)		
POWER	AC adapter (12V/500mA), Internal rechargeable battery (6V/3.2Ah)		



MODEL	AHW			
CAPACITY	3 Kg	6 Kg	15 Kg	30 Kg
READABILITY	0.1 / 0.05 g	0.2 / 0.1 g	0.5 / 0.2 g	1g
MINIMUM LOAD	2 / 1 g	4 / 2 g	10 / 4 g	20g
PAN SIZE	230mm x 300mm			
DISPLAY	24mm digit LCD display, with white LED backlight			
HOUSING	ABS Plastic Body, S.S. PAN			
KEYBOARD	7 Keys (Membrane Keyboard)			
POWER	AC adapter (12V/500mA), Internal rechargeable battery (6V/4Ah)			
INTERFACES	1 X RS 232			
FUNCTION				



MODEL	ECS (PIECE COUNTING SCALE)			
CAPACITY	3 Kg	6 Kg	15 Kg	30 Kg
READABILITY	0.1	0.2	0.5	1g
MINIMUM LOAD	2	4	10	20g
PAN SIZE	230mm x 300mm			
DISPLAY	20mm digit LCD display, with white LED backlight			
HOUSING	ABS Plastic Body, S.S. PAN			
KEYBOARD	20 Keys (Membrane Keyboard)			
POWER	AC adapter (12V/500mA), Internal rechargeable battery (6V/4Ah)			
INTERFACES	1 X RS 232			
FUNCTION	3 Display LCD - for displaying Unit Weight, Total Count and Total Weight			

RETAIL SCALE



MODEL	ESUP
CAPACITY	30 Kg
READABILITY	5g
MINIMUM LOAD	100g
PAN SIZE	230mm x 300mm
DISPLAY	Rare & Front 20mm digit LCD display, with white LED backlight
HOUSING	ABS Plastic Body, S.S.T PAN
KEYBOARD	20 Keys + 30 PLU Keys (Membrane Keyboard)
POWER	AC adapter (12V/500mA), internal rechargeable battery (6V/4Ah)
FUNCTION	3 Display LCD - for displaying: Weight, Unit Price & Total Price



FEATURES

- Memory capacity: 10,000 PLUs & 1,000 ingredients
- Supporting free label format design
- Cartridge-loading-type label installation
- 45 fixed format & 20 customized format design
- Various interface
- Combined wide LCD display

Model	CL 5200
Capacity	3/6 6/15 15/30
Readability(g)	1/2 2/5 5/10
External resolution	1/3,000(dual interval)
Display type	Graphic LCD(208x48)
Printing speed	Max. 100mm/sec
Printer resolution	202 dpi
Label size(mm)	Width:40~60, Length:30~120
Power	AC 100~240V, 50/60Hz
Operating temperature	-10°C ~ +40°C
Platter size(mm)	B,P Type:380(W)x250(D)
Dimensions(mm)	B Type:409(W)x441(D)x180(H) P Type:410(W)x500(D)x535.8(H)
Product weight(kg)	B Type:6.95, P Type:7.65

OPTION

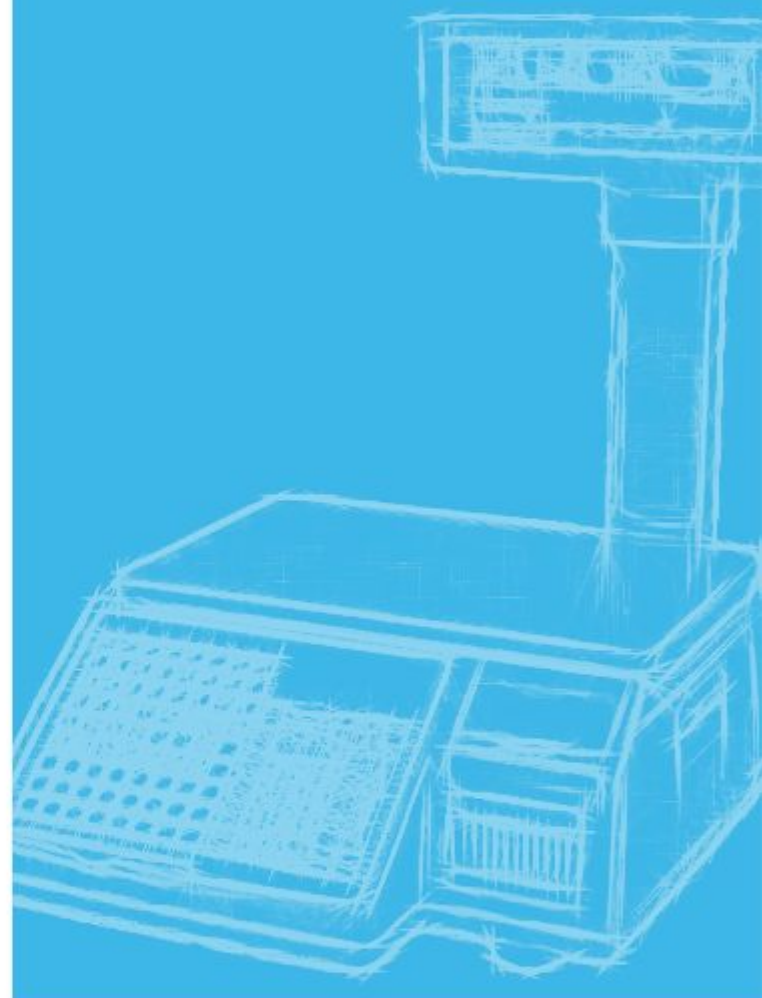
- Wireless bridge card
- PC manager program(CL-Works)
- Platter with back

BENCH SCALE



MODEL	PRW Series
CAPACITY	60 Kg.
READABILITY	1g (Minimum Load 20g)
PAN SIZE	320mm x 360mm
DISPLAY	22mm LCD display, attached backlight
KEYBOARD	6keys(Mechanical switch)
POWER	AC adapter (12V/500mA), Ni-MH battery (1.2V/2000mAh x 6) Battery provide up to 40 hours of continuous use(without backlight)
WORKING TEMPERATURE	-10°C ~ +40°C
FUNCTION	Net/gr gross shift, units conversion, check weighing

RETAIL SCALE



MODEL	XK 3101 Bench Scale
CAPACITY	50 Kg.
READABILITY	2g (Minimum Load 20g)
PAN SIZE	300mm x 400mm
DISPLAY	The bright red LED is visible in the poorly lit areas.
KEYBOARD	4keys(Mechanical switch)
POWER	AC Adapter with rechargeable Battery
FUNCTION	Net/gr gross shift, units conversion, check weighing
HOUSING	Fully Stainless Steel or S.S.T top with MS Base platform available Stainless steel splash proof indicator certified to IP67 The indicator has full range tare and pre-set tare functions. Multiple use inbuilt bracket - used as Pole & wall Mounting.

CRANE SCALE



MODEL	CR Crane Scale	
CAPACITY	40 Kg	100 Kg
READABILITY	20g	50g
DISPLAY	16.5mm digits high LCD display	
POWER	Dry Battery Cell - (Size AA 1.5V x 3)	
FUNCTION	Zero, tare, change weighing unit, hold	
USES	Ideal for Milk, Tea & Food Industry	
	Both side stainless steel hook.	



MODEL	DR Crane Scale
CAPACITY	150 Kg
READABILITY	100g
DISPLAY	25mm LCD Display attached white color LED Display
POWER	Battery provide upto 40 Hours of continuous use (without Backlight)
FUNCTION	Zero, tare, change weighing unit, hold
USES	Ideal for Milk, Tea & Food Industry
	Both side stainless steel hook.
INTERFACES	Bluetooth Technology Scale
OPTIONAL	Optional - Wireless remote controller



MODEL	HD Crane Scale				
CAPACITY	500 Kg	1 Ton	2 Ton	3 Ton	5Ton
READABILITY	100g	500g	1 Kg	1 Kg	2 Kg
DISPLAY	LED/LCD Display				
POWER	Standard A/C Adapter and rechargeable battery				
FUNCTION	On/Off, Zero, Tare (Manual or Auto) function.				
	Optional - Wireless remote controller				
	Battery operated / Low battery indication.				

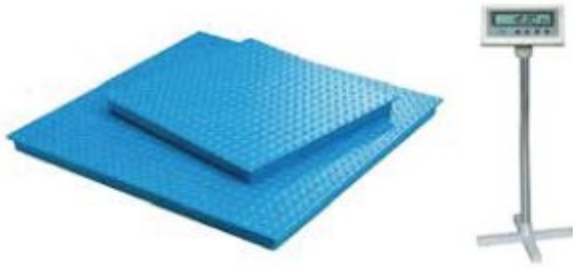


MODEL	Mechanical Suspended Crane Scale	
CAPACITY	100 Kg	200 Kg
READABILITY	100g	500 g
FUNCTION	Compact, robust and corrosion resistant, housed in a tough ABS plastic case with shatterproof polycarbonate dial cover.	
	Supplied with removable top and bottom hooks.	
	Motor enclosed inside glass chamber	
	Round Faced Front with Pointed weight-indicating	

PLATFORM SCALE



MODEL	PS450	PS500	PS600	PS750
SIZE	400 X 500 mm	500 X 500 mm		600 X 600 mm
CAPACITY	100/150/200 Kg	100/150/200/300		150/300/500 Kg
ACCURACY	10/20/20 g	10/10/20/20 g		20/50/50 g
PLATFORM FEATURES	Full y S.S. Top Plate & M.S. Base			
	Single P oint Loadcell			
	F our Adjustable Feet			
	Hea vy Duty Bolted Grill with Attached POLE for Indicator.(Back Grill is not a vailabe in Model: PS450)			
	OPTION: Fully S.S.T Scale / M.S. Checkered Top Plate available			
	Able to connect an y type/brand weighing indicator			
	Any other customized Size a vailable			
STANDARD INDICATOR	INDICATOR MODEL: EKW			
	AC adapter (12V/500mA),rechargeable battery (6V/4Ah). Battery provide upto 90 hours of Continuse use.			
	52mm digit LCD display with white LED backlight			
	7 keys(Membrane keyboard)			
	OPTION: RS232 can connect to any COMPUTER.			



MODEL	PS1000	PS1200	PS1500	PS2000
SIZE	1000 X 1000 mm	1200 X 1200 mm	1500 X 1500 mm	2000 X 2000 mm
CAPACITY	500kg / 1T / 2T / 3T	1T / 2T / 3T	2T / 3T / 5T	3T / 5T / 10T
ACCURACY	100g/500g	500g	500g	500g/1 Kg
PLATFORM FEATURES	Checkered top plate with M.S. body IP 67 Alloy Steel x 4 Load Cell system Four Adjustable Feet OPTION: Full S.S.T scale Able to connect any type/brand weighing indicator all other customized Size available			
STANDARD INDICATOR	INDICATOR MODEL: BKW AC adapter (12V/500mA) , rechargeable battery (6V/4Ah) Battery provide upto 90 hours of Continuous use. 52mm digital LCD display with white LED backlight 7 keys (Membrane keyboard) OPTION: RS232 can connect to any COMPUTER			



MODEL	MECHANICAL PLATFORM SCALE (BAR TYPE)	
SIZE	605mm X 450mm	
CAPACITY	300 Kg	
ACCURACY	500g	
HOUSING	CAST IRON BODY	

OTHER SCALE



MODEL	PALLET SCALE
CAPACITY	3 TON
FEATURES	Pallet truck with Electronic Scale Reduce time & effort by carrying & weighing simultaneously. Using oil pressure for putting down the fork in stable. Instant weight readings are available as soon as the forks are raised
POWER	Battery provide up to 60 Hrs. of continuous use.
INTERFACES	Option: Serial dot printer ..




MODEL	BAR Scale		
CAPACITY	1 TON	2 TON	3 TON
	0.2 Kg	0.5 Kg	1 Kg
FEATURES	Used in any size application, specially any size pallet weighing Low Profile Heavy Duty design connected to any weighing indicator Easy access SST Junction box : coming from the top rocker pin foot assembly provide stability & durability 4 Loadcell system		
POWER	Rechargeable battery powered		





MODEL	ANIMAL WEIGHING SCALE
CAPACITY	All capacities available
SIZE	Any other customized Size available
FEATURES	Checkered top plate with M.S. body IP 67 Alloy Steel x 4 Load Cell system Four Adjustable Feet..
	Able to connect any type/brand weighing indicator
OPTION	For mobility the rubber wheel option is also available
	Full S.S.T Scale

INDICATORS

	
MODEL	EKW Indicator
DISPLAY	Digital LCD display with white LED backlight
FEATURES	An economical general purpose instrument suitable for a variety of weighing applications Application programs include: Check weighing, Simple parts accounting, automatics, auto print out, verification
POWER	AC Adapter (12V/500mA), Internal rechargeable battery (6V/4Ah)
HOUSING	ABS Plastic Body
INTERFACES	Optional RS-232 can connect to a printer or computer.

	
MODEL	END-T3 Indicator
DISPLAY	6.8" LCD, 6 Lines Indicator, RED LED Display
POWER	Rechargeable battery 6V/4Ah built in, AC Adapter 220-240V/50Hz
INTERFACES	RS-232 Serial, Camera/Video Interface
FEATURES	Protection for low battery & able to display in power saving mode Switch between Kg/Lb Application programs include Check weighing & UYI Comparison Rechargeable battery for continuous use up to 60 Hours An economical general purpose instrument used in a variety of applications Overload alarm & full time focus

	
MODEL	KC Indicator (Piece Counting Indicator)
DISPLAY	3.8" LCD display with white LED backlight
KEYPAD	31 LCD for Display Unit Weight, Total Weight, Total Count
POWER	AC Adapter (220V/500mA), rechargeable battery (6V/4Ah)
FEATURES	Battery provides up to 70 hours of continuous use Multiple platform capacity and portability Known Piece Counting Indicator

	
MODEL	Dial Argus 320 Indicator
DIMENSIONS	278x125x185mm
FEATURES	Customizable screens Multi-language software Real time clock and permanent data storage Suitable for use on the table, column, or wall
DISPLAY	Backlit, graphic display with touch screen technology
KEYPAD	QWERTY, AZERTY, QWERTZ Keyboard options

	
MODEL	AS+AS-P Series (Receipt Printing Indicator)
DISPLAY	7.8" x 0.8" inch LCD, 1 line battery indicator
POWER	Rechargeable Battery 6V/10Ah built in, AC 220-240V/50Hz
INTERFACES	RS-232C, Parallel, Parallel Interface, word board interface
FEATURES	AS-P+ with built in thermal printer Able to store 1001 weighing records Able to print out Receipt weighing bill & Report required reports

	
MODEL	EAN-1245 (Weighbridge Indicator)
FEATURES	Known as 'Terminal' for 'Weighbridge' or 'Mini Computer' special design for weighing operation It supports weight in weight out and has dedicated memory function keys Open for entry is simplified through the alphanumeric keyboard and on screen prompting 150 Records Storage facility dependent on the option programme Reports can be generated: Data file, Mark file, Week file, Supplier file, whole file, Carload file and Multi Combination Microprocessor - 8032 Memory - 8K+128 for Generating with backup On board port & RS-232 port for computer interface

	
MODEL	BWS Indicator
HOUSING	SST Case
DISPLAY	5.7" Large LCD Display with Back light
POWER	AC Adapter (12V/500mA), rechargeable battery (6V/4Ah)
KEYPAD	7 keys mechanical with

WEIGHING SOFTWARE

WeighMAST

WeighMAST is an enterprise focused weighbridge management software. It is suitable for any size of enterprise from any industry vertical where weight accuracy, visibility and traceability is most important. WeighMAST allows companies to automate weighbridge operation to achieve the same.

Why WeighMAST?

Spend protection, shorter training time, easy implementation, 100% interoperability with most of the industry standard weighbridges, secure platform, high visibility, and multi-level access are some of the key reason to choose SmartWB.

Data is at the heart of this software. Simple interfaces to allows you to configure data you want to capture for better visibility.

Apart from standard weighbridge configuration, single window to configure.

Overview of features

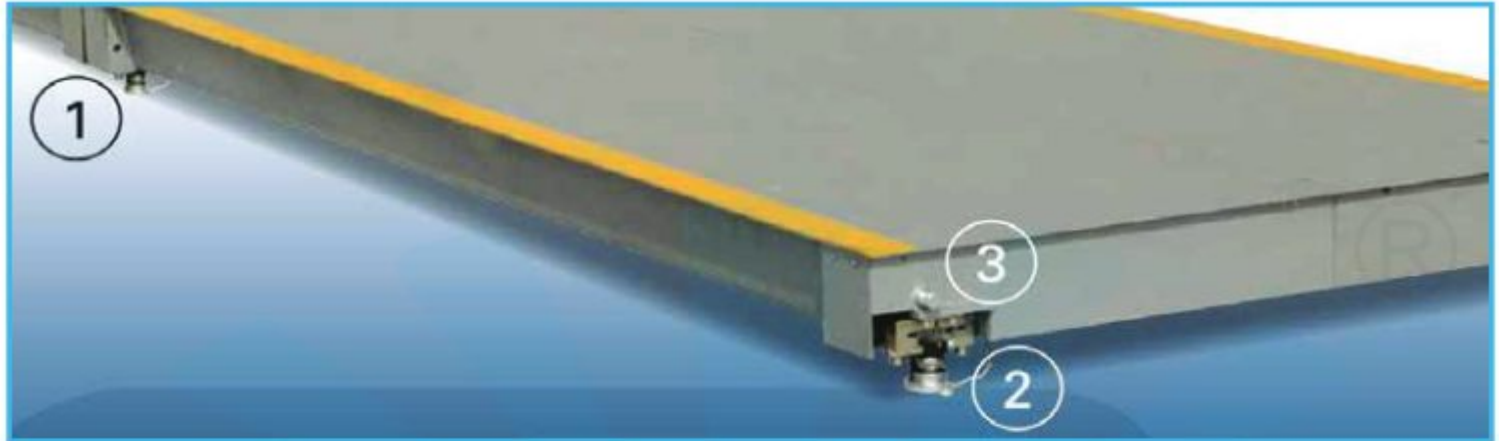
- Data Setup
- Security
- Reports
- Flexibility
- Transaction Management
- Lucrative user interface
- Centralized deployment
- Receipt Design

	
MODEL	Batter Display
FEATURES	LCD/LED DISPLAY (OPTION AVAILABLE)

ACCESSORIES

	
MODEL	JUNCTION BOX
CAPACITY	Digital LCD display with white LED backlight
FEATURES	Dust and Waterproof (IP67) protection It covers and cable against surges caused by lightning Repeat and auto-ranging operation without maintenance Reliable protection through lightning surge about protection Weatherproof enclosure
POWER	No effect on system accuracy
INTERFACES	Ambient working temperature: -20 degree to 60 degree OPTION AVAILABLE 1/2/3/4/5/6/7/8/9/10/11/12/13/14/15/16/17/18/19/20/21/22/23/24/25/26/27/28/29/30/31/32/33/34/35/36/37/38/39/40/41/42/43/44/45/46/47/48/49/50/51/52/53/54/55/56/57/58/59/60/61/62/63/64/65/66/67/68/69/70/71/72/73/74/75/76/77/78/79/80/81/82/83/84/85/86/87/88/89/90/91/92/93/94/95/96/97/98/99/100/101/102/103/104/105/106/107/108/109/110/111/112/113/114/115/116/117/118/119/120/121/122/123/124/125/126/127/128/129/130/131/132/133/134/135/136/137/138/139/140/141/142/143/144/145/146/147/148/149/150/151/152/153/154/155/156/157/158/159/160/161/162/163/164/165/166/167/168/169/170/171/172/173/174/175/176/177/178/179/180/181/182/183/184/185/186/187/188/189/190/191/192/193/194/195/196/197/198/199/200/201/202/203/204/205/206/207/208/209/210/211/212/213/214/215/216/217/218/219/220/221/222/223/224/225/226/227/228/229/230/231/232/233/234/235/236/237/238/239/240/241/242/243/244/245/246/247/248/249/250/251/252/253/254/255/256/257/258/259/260/261/262/263/264/265/266/267/268/269/270/271/272/273/274/275/276/277/278/279/280/281/282/283/284/285/286/287/288/289/290/291/292/293/294/295/296/297/298/299/300/301/302/303/304/305/306/307/308/309/310/311/312/313/314/315/316/317/318/319/320/321/322/323/324/325/326/327/328/329/330/331/332/333/334/335/336/337/338/339/340/341/342/343/344/345/346/347/348/349/350/351/352/353/354/355/356/357/358/359/360/361/362/363/364/365/366/367/368/369/370/371/372/373/374/375/376/377/378/379/380/381/382/383/384/385/386/387/388/389/390/391/392/393/394/395/396/397/398/399/400/401/402/403/404/405/406/407/408/409/410/411/412/413/414/415/416/417/418/419/420/421/422/423/424/425/426/427/428/429/430/431/432/433/434/435/436/437/438/439/440/441/442/443/444/445/446/447/448/449/450/451/452/453/454/455/456/457/458/459/460/461/462/463/464/465/466/467/468/469/470/471/472/473/474/475/476/477/478/479/480/481/482/483/484/485/486/487/488/489/490/491/492/493/494/495/496/497/498/499/500/501/502/503/504/505/506/507/508/509/510/511/512/513/514/515/516/517/518/519/520/521/522/523/524/525/526/527/528/529/530/531/532/533/534/535/536/537/538/539/540/541/542/543/544/545/546/547/548/549/550/551/552/553/554/555/556/557/558/559/560/561/562/563/564/565/566/567/568/569/570/571/572/573/574/575/576/577/578/579/580/581/582/583/584/585/586/587/588/589/590/591/592/593/594/595/596/597/598/599/600/601/602/603/604/605/606/607/608/609/610/611/612/613/614/615/616/617/618/619/620/621/622/623/624/625/626/627/628/629/630/631/632/633/634/635/636/637/638/639/640/641/642/643/644/645/646/647/648/649/650/651/652/653/654/655/656/657/658/659/660/661/662/663/664/665/666/667/668/669/670/671/672/673/674/675/676/677/678/679/680/681/682/683/684/685/686/687/688/689/690/691/692/693/694/695/696/697/698/699/700/701/702/703/704/705/706/707/708/709/710/711/712/713/714/715/716/717/718/719/720/721/722/723/724/725/726/727/728/729/730/731/732/733/734/735/736/737/738/739/740/741/742/743/744/745/746/747/748/749/750/751/752/753/754/755/756/757/758/759/760/761/762/763/764/765/766/767/768/769/770/771/772/773/774/775/776/777/778/779/780/781/782/783/784/785/786/787/788/789/790/791/792/793/794/795/796/797/798/799/800/801/802/803/804/805/806/807/808/809/810/811/812/813/814/815/816/817/818/819/820/821/822/823/824/825/826/827/828/829/830/831/832/833/834/835/836/837/838/839/840/841/842/843/844/845/846/847/848/849/850/851/852/853/854/855/856/857/858/859/860/861/862/863/864/865/866/867/868/869/870/871/872/873/874/875/876/877/878/879/880/881/882/883/884/885/886/887/888/889/890/891/892/893/894/895/896/897/898/899/900/901/902/903/904/905/906/907/908/909/910/911/912/913/914/915/916/917/918/919/920/921/922/923/924/925/926/927/928/929/930/931/932/933/934/935/936/937/938/939/940/941/942/943/944/945/946/947/948/949/950/951/952/953/954/955/956/957/958/959/960/961/962/963/964/965/966/967/968/969/970/971/972/973/974/975/976/977/978/979/980/981/982/983/984/985/986/987/988/989/990/991/992/993/994/995/996/997/998/999/1000/1001/1002/1003/1004/1005/1006/1007/1008/1009/1010/1011/1012/1013/1014/1015/1016/1017/1018/1019/1020/1021/1022/1023/1024/1025/1026/1027/1028/1029/1030/1031/1032/1033/1034/1035/1036/1037/1038/1039/1040/1041/1042/1043/1044/1045/1046/1047/1048/1049/1050/1051/1052/1053/1054/1055/1056/1057/1058/1059/1060/1061/1062/1063/1064/1065/1066/1067/1068/1069/1070/1071/1072/1073/1074/1075/1076/1077/1078/1079/1080/1081/1082/1083/1084/1085/1086/1087/1088/1089/1090/1091/1092/1093/1094/1095/1096/1097/1098/1099/1100/1101/1102/1103/1104/1105/1106/1107/1108/1109/1110/1111/1112/1113/1114/1115/1116/1117/1118/1119/1120/1121/1122/1123/1124/1125/1126/1127/1128/1129/1130/1131/1132/1133/1134/1135/1136/1137/1138/1139/1140/1141/1142/1143/1144/1145/1146/1147/1148/1149/1150/1151/1152/1153/1154/1155/1156/1157/1158/1159/1160/1161/1162/1163/1164/1165/1166/1167/1168/1169/1170/1171/1172/1173/1174/1175/1176/1177/1178/1179/1180/1181/1182/1183/1184/1185/1186/1187/1188/1189/1190/1191/1192/1193/1194/1195/1196/1197/1198/1199/1200/1201/1202/1203/1204/1205/1206/1207/1208/1209/1210/1211/1212/1213/1214/1215/1216/1217/1218/1219/1220/1221/12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EIAL Series Modular Type Electronic Weighbridge: Painted Steel Load Surface



The strong and rigid load surface in sheet steel, with 10mm thickness, ensures the maximum integrity withstanding all types of redundant exertion or strain. Extremely rigid structure, in molded reinforced arc-welded sheet steel.

Perfect distribution of the forces, for an optimal and precise weighing in all condition.

The absence of trapdoors and nuts on the transit surface guarantees stability and silentness.

Protection from electric discharges, lightning, or power surcharges; complete with braids for grounding.

Advanced anticorrosive treatment of the materials,

obtained through double layer painting, with rust-proof varnish and subsequent layer of polyurethane varnish, used in the naval industry.

The quality of materials and the technology used in the development, together with the over sizing Of the structure, guarantee the maximum resistance in any environmental condition and to any strain, as well as a long-lasting duration of the platform.

The smooth surface of the platform eases the cleaning operations of the weighbridge.

The checkered plate of the platform will work as a anti-skid for plates for the lorry. (Option)



1. Near the load cells there are removable covers, which allow access for ease of maintenance
2. Double shear beam cells in IP68 nickel-plated steel together with spherical self centering oscillating joints, which compensate for all types of thermal expansion.
3. Adjustable control stops, against knocks and horizontal stresses.

Sturdy, accurate and efficient , this weighbridge guarantees the best weighing performance in any environmental condition.

The reduced weight and size of the modules which make up the platform, particularly ease the transport, handling and installation.

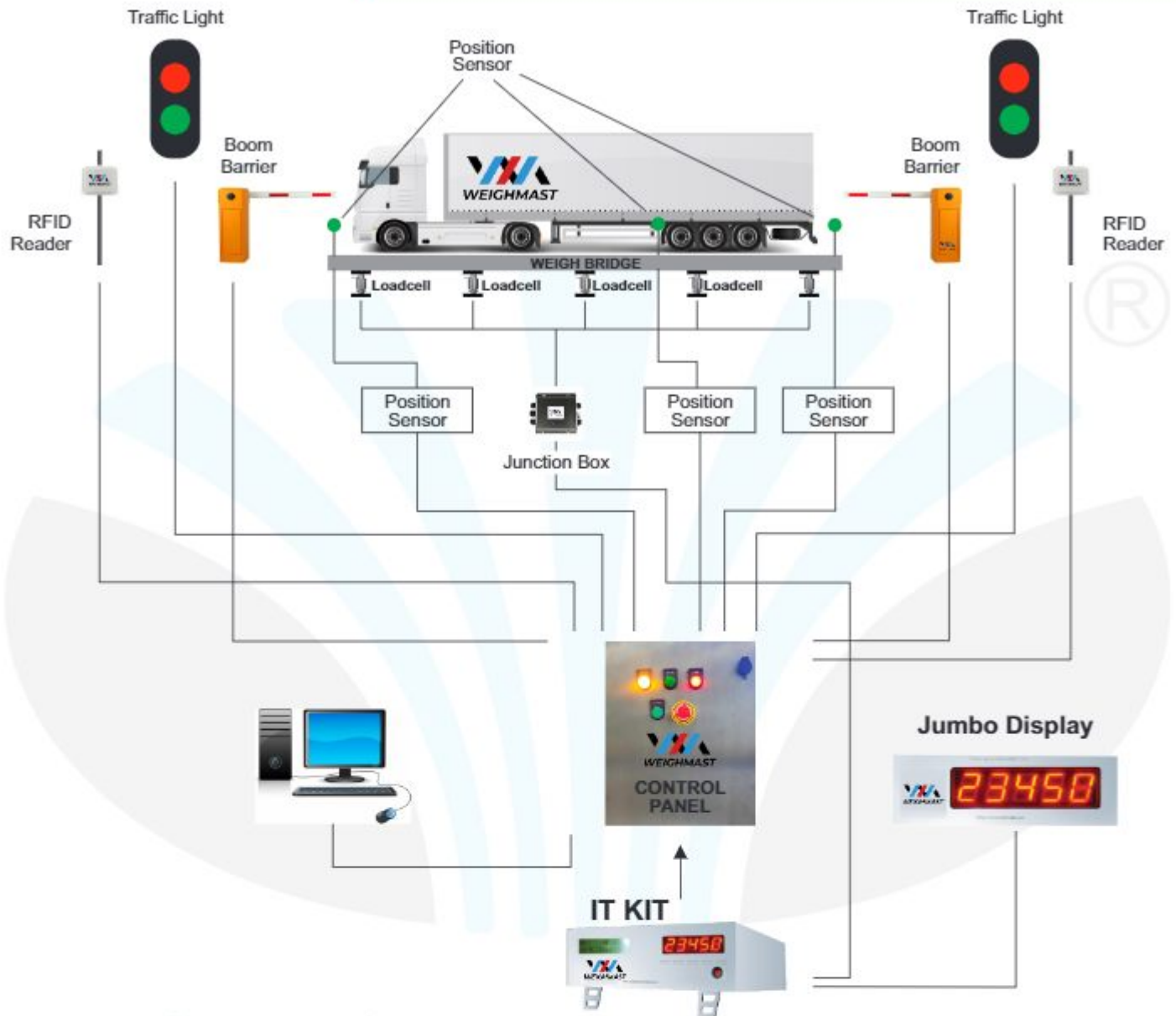
Simple and bolt together assembly.

The Modular construction enables you to lengthen the weighing surface before or initial installation if required.

The low profile of the platform allows an installation without a pit as well as a flush floor installation (with a pit):



UN-MANNED WEIGHBRIDGE



Support Following Hardware

- RFID based identification system
- IR Sensors for vehicle positioning
- Barrier Gates for additional security
- IP-CAM for surveillance and photo capture
- Traffic lights • LED Displays
- Hooters / Loud Speakers

System Salient Features

1. Fast throughput for busy weighbridge
2. Two Way Weighment System (vehicle can enter from both sides)
3. No operator required at weighbridge
4. No scope for modification, changes, alterations, manipulations, wrong / double entries, malpractices or mistakes.
5. Integrate more than one weighbridge with the system
6. Use of RFID smart Card and UHF RFID Tag for Automatic identification of driver / truck.
7. Cut operating cost, labor cost and increase productivity and efficiency.
8. CCTV Camera for surveillance and photo capturing.
9. Totally unmanned self-service weighing process.
10. Robust and weather proof cabinets for all hardware.
11. Archive facility provides to transfer old weighing records to provide affective memory tracing and reporting conditions.
12. Weighing records can be exported automatically or manually as text/Excel file.
13. Flexible user authorization
14. Access & SQL database selectable. Direct connection to SQL server with Ethernet
15. Automatic e-mail message can be created to transfer weighing records

Software Features

- Live Details of Weighment Cycle
 - Easy to use interface
 - Monitor multiple weigh-bridges from a single UI
 - Complete Audit Reports
 - Capture Weight at any point
 - Integrate into your back-office systems
 - Completely customizable as per business requirements.
 - Easily configure multiple business rules to set load limit, timeouts, etc.
 - Managing receipts and dispatch of material.
 - Automated SMS / Email system.
 - ERP integration.
 - DOS / Windows printing with photo support.
 - Support for multi user with access rights.
 - DB Backup and restore facility.
 - Customizable Slip Fields.
 - Manual Entry support via Access Rights with complete audit.
 - Data Export in Excel / CSV
-
- During automatic Weighing operations, the following accesories can be connected to Endel UnManned Weighbridge
 - Software directly:

Traffic lights



Load Barriers



Optic sensors
(For truck positioning)



Remote Displays



IP Cameras
(Up to 3 pcs)



PORTABLE AXLE WEIGH BRIDGE



APPLICATION

Applicable in weight-check of law enforcement
Applicable in checking the weight & center of gravity of airplane or battle-plane
Applicable in design and producing vehicles and determine load distribution of wheel and axle
Applicable in testing the stability of special vehicles such as fork trucks, outrigger of the mini-lift.

FEATURES

Platform design for easy carry out, the weight is less than 36kg
Can not be damaged by air-inflated tires at any spot of passage
Adopt special protective technology, suitable for any environment in applications

GENERAL INFORMATION

This weighing pad is light enough to be portable yet large enough for any type of vehicle.
This weighing pad not only looks tough, they are built tough. With variety of capacities & higher resolutions It can be used in almost any application.
It can even accommodate for virtually any vehicles axle arrangement with the simple use of dummy plates.
These are simply rubber spacers of different sizes that can be placed between multiple pads.

Road Weigher Practical Applications:



RW-P Road Weigher - set of 2 pads



RW-P Road Weigher with Dummy Plates



Front Axle on RW-P



Rear Axle on RW-P



Cable Connection with Pad



Connection with Processing Unit RW 2600P

FIXED AXLE WEIGH BRIDGE

GENERAL INFORMATION:

With the exception of the two axle vehicles mentioned above, this type of weighbridge provides the easiest and quickest method of obtaining axle weights of all types of road vehicles. Most single axle weighbridges can be operated either statically (stop and go), or dynamically (in motion) which gives the best results when weighing large vehicles with self-compensating suspension systems. The most important factor when considering installation of an axle weighbridge is the suitability of the site, which must be firm, flat and level for at least one vehicle length, either side of the weighbridge platform if reasonable results are to be obtained. The risk of weight transfer during the weighing will be the determining factor in levels of accuracy, irrespective of the inherent accuracy of the weighbridge.

TYPES: Static Axle Weighbridge: In-Motion Axle Weighbridge:

APPLICATION:

The Fixed Axle Weighbridge (Permanent System) is usually installed where scale needs to become part of the road and the weighing is integral to other processes. Location such as border crossing, toll lanes, shipping and ports gates are typical examples of permanent system.

FEATURES:

More accurate in compare to portable weighbridge.

Can be used as an option of a Full Length Weighbridge, where the space is not enough for full length weighbridge.

TECHNICAL FEATURES:

All size is available and can be customized as per the client requirement.

Capacity maximum up to 40 to 50 Ton for each axle, enough to determine axle load of any vehicle.



Automatic Checkweigher

DWM automatic checkweigher provides the highest quality. It is applied mainly for pharmaceutical and food industry. Used magnetoelectric modules allow to weigh products quickly, providing the highest accuracy of weighment. The device features a friendly, intuitive interface and several built-in functions that enable the statistical data operation and service process. Checkweigher allows a precise control of packaged products in accordance with the valid regulations. A modular base construction allows a flexible configuration of the device.

Complex communication modules fully integrate the scales with the production line, which makes automatic operation of the line possible. Connecting the checkweigher to the computer system allows to monitor production process on-line, save the weighments, generate the reports considering the weighing statistics, quantitative statistics and the production line failures and stoppages.



Specification:

Maximum Capacity [Max]	750 g
Minimum Load	2 g
Readability [d]	0,1 g
Tare Range	- 750 g
Operating Temperature	+5 ÷ +40 °C
Power Supply	100 ÷ 240 V AC 50 ÷ 60 Hz
Communication Interface	Ethernet, USB, RS 232, I/O
IP Rating	IP 55/65
Reading Unit	0,1 g
Verification Scale Interval	0,1 g
OIML Class	XIII (1), Y (a)
Conveyor Velocity	1,6 m/s
Expanded Reading Unit	0,05 g
Construction	mild steel / stainless steel
Keyboard	touch screen

Main Features

- Control of goods in accordance with regulation on Control of Packaged Goods
- Full control of production process | Control over dosing devices
- Control over the products packaging precision
- Weighing medicines, blister packs, syrups, etc.

Functions

- Statistical weighing | Dynamic weighing | Database of operators on different access level
- Assortment database | Weighments database | Reports database
- Tresholds control +/-
- Control of goods in accordance with regulation on Control of Packaged Goods
- Control of goods in accordance with customer regulations
- Autocontrol | Automatic correction of the package mass
- Control of the rejector work accuracy | The supply installation pressure control
- Bin overload sensor | Cooperation with dozers | Cooperation with PLC controller
- Reporting | Export of reports to PDF files | Control of products flow
- Control of products dimensions | Flexible regulation of transporters velocity.



Metal Detector

Applications

The device designed to control products for their metal contamination. Depending on configuration the control set can automatically separate contaminated goods, stop technological line or signal an alarm for a supervising unit. Metal detectors are applicable in practically every branch of industry. They can operate in random industrial conditions, and control random kinds of goods, independently on their type or temperature.

Function

Main functions of Metal Detector:

- Control of goods for their metal contamination;
- Optical and acoustic signaling of metal contamination in goods;
- Stoppage of technological line in case of a defect;
- Discrimination set
- Castors for easy device transport.



MATERIAL HANDLING / LIFTING EQUIPMENTS

HYDRAULIC HAND PALLET TRUCK		HYDRAULIC DRUM CARRIER	
Capacity	3 TON	Capacity	300 Kg
Size	1150 x 550		
	1220 x 685		
Easy to Operate		Multi functional drum pallet truck raises, transports,	
Silent in operation		rotates, tilts and drains fully loaded drums	
requires minimum pulling power		It can lock a drum in vertical position to avoid spills or horizontal position for draining through faucet	
No Oil Leakage			
Minimum Maintenance / Maximum Maneuverability		when unlocked, the drum may be turned end-over-end to agitate contents or tipped and held manually at any angle.	
Lowered Height: 90mm to 110mm			



Manual Stacker		Drum Stacker	
Capacity	1.5 Ton	Capacity	1.5 ton
Lifting Height	1.6m	Lifting Capacity	2m 2.5 m
Easy to Operate		Electric manual stacker is designed for the in between handling	
Silent in operation		application that requires power lift, but do not require drive	
requires minimum pulling power		Moves large bulky crates and skids easily	
No Oil Leakage		It is versatile for industries and enterprises such as press	
Minimum Maintenance / Maximum Maneuverability		shops etc.	
Paddle & Hand Lifting Facility		this low priced machine is a time saver and economical	



Manual Drum Stacker		Electric Drum Stacker	
Capacity	300 Ltr Drum	Capacity	300 Ltr Drum
Lifting Height	1.450m	Lifting Capacity	2m 2.5 m
Easy to Operate		Electric Drum manual stacker is designed for the in between handling	
Silent in operation		application that requires power lift, but do not require drive.	
requires minimum pulling power & having a Drum Tilting Facility.		Lift Drum and skids easily with Tilting Facility	
No Oil Leakage		It is versatile for Oil & Chemical Industry	
Minimum Maintenance / Maximum Maneuverability			
Paddle & Hand Lifting Facility		this low priced machine is a time saver and economical	



END-TO-END INDUSTRIAL SOLUTIONS PARTNER



PITLESS WEIGHBRIDGE



PITTYPE WEIGHBRIDGE



INDUSTRIAL PLATFORM
SCALES



CRANE SCALE



WEIGHMAST



ORECS



METAL DETECTOR



CHECKWEIGHER

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