

**EHP**



## Digital Crane Scale KGW 1...100

Heavy duty construction



Economic, fast



### Excellent Design

The KGW 1-100 Model Crane Scales represent the very latest Technological approach to Battery powered suspended weighing. Various additional Infrared functions, controlled by the operator provide the ultimate weighing system available today.



#### Transport & Storage Cart

For easy transportation and/or storage of the Scales.

No moving parts eliminate Downtime and expensive repairs.

Long term, continued use in Steel Foundries has proven the Scale to be a First Class tool for use in severe hostile environments and in 3 shift operations.

Extremely low headroom loss, together with ease of handling add to the many benefits of the KGW crane scale.

Each machine receives the following in depth test prior to leaving our works:

- Load Cell subjected to Shock loading 5.2:1
- Overload, and maximum load tests for 24 hours continuously
- Electronic soak tests, 24 hours
- Variable Vibration tests, and physical shock tests
- Over-voltage and Under-voltage tests to ensure reliable operations
- DIN Norm 15402 + 15405 Part 1

→ **3 years warranty on accuracy and function of load cell**

→ **Safety factor 5:1**

# and precise!

## Infrared Transmitter

Enables the operator to select Scale functions TARE, GROSS, RECALL, PRINT etc, at a safe distance from the Scale and load.



## Tare & Memory Functions

Switch on the scale, lift the load/ ladle, press the TARE button, and the display will show Zero. Filling the ladle or lifting a load will now display the GROSS weight.

Start to Pour/Discharge and the weight taken out will be displayed with a Minus Prefix indicating the weight of each casting in sequence, or individual weight of a partial load removed from Gross load.

Such a „Discharged“ display eliminates the need of Complex and time consuming calculations. The Foundry Manager is thus able to calculate the penultimate load weight, and thereby create essential economies in production.

Press the Tare button once more, and the display returns to the Gross weight, showing how much of the original load remains.

The Digital display may be converted to read kilos or pounds on request.

## No read-out Errors

50 mm (2") digits. The latest bright segment LED Display ensures ease of readability, even in smoke, and fume laden atmospheres. The slightest change in weight of load is promptly displayed, taking the guesswork out of weighing. No Parallax errors, No dithering pointers. TRUE DISPLAY OF WEIGHT OF LOAD EVERY TIME.

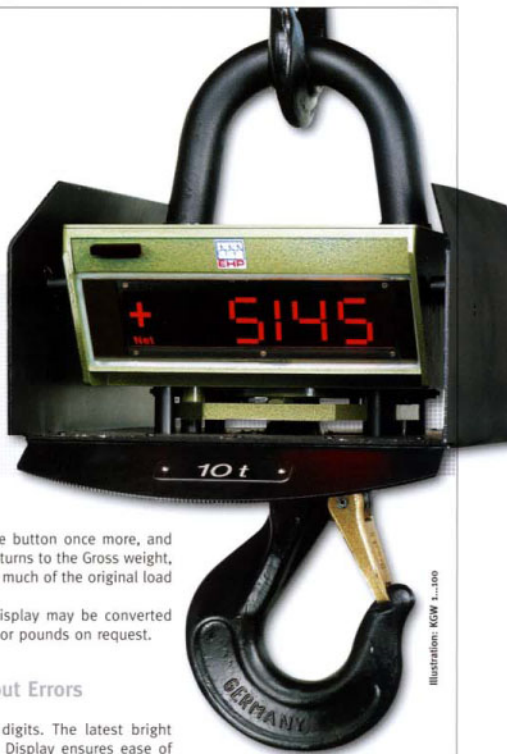
### Digital-Crane Scale KGW 1...100

- Highest Quality, LOAD CELL is installed in each KGW Crane Scale. Each Unique Load cell guaranteed for three years
- Constructed to withstand severe physical shock
- Low headroom loss. (Details supplied)
- T.U.V. Tested and Approved

- Latest SMD Electronic Technique
- high accuracy, 0.03% F.S.
- Accumulator powered
- Optional Internal Ultra High Frequency radio Transmitter, designed to transmit weight and displayed information from Scale to remote Digital display and Printer Options.
- Optional: Network compatible

### Possible uses:

- Goods Inward & Outward
- All Foundry Operations. Charging, Scrap Handling, Casting, Sequential Casting, with the ability to Recall, Add, Gross, Tare and many more functions.
- The Scales are unique, being designed and constructed to operate in the most hazardous and adverse environments, plus the advantage of being able to withstand reasonable exposure to heat sources, such as during hot metal pouring, cupola loading, and aluminium processes.





Accuracy: 0,03 % F.S.  
Height of figures: 50 mm  
Display: LED 7-Segment. Bright Digits Display  
Tare capacity: 100 % of Scale Model weighing range  
Ingress protection: IP 54

→ Other basic Options include: Heat, shock and weather protection. Details on application.



Typ KGW	Range (in kg)	Self weight (in kg)	A	B*	C	D	E	F	G	Smallest increments (in kg)	Power supply rechargeable accumulator
KGW 1	0 - 1.000	69	545	107 (150)	143	317	32	45	51	0,5	12V/13 Ah
KGW 2	0 - 2.000	69	545	107 (150)	143	317	32	45	51	1	12V/13 Ah
KGW 5	0 - 5.000	69	545	107 (150)	143	317	32	45/65	51	2	12V/13 Ah
KGW 10	0 - 10.000	82	570	150 (300)	143	317	46	65	69	5	12V/13 Ah
KGW 20	0 - 20.000	240	872	232 (500)	143	472	52	85/125/150	84/93	10	12V/20 Ah
KGW 30	0 - 30.000	240	872	232 (500)	143	472	52	85/125/150	84/93	10	12V/20 Ah
KGW 50	0 - 50.000	580	1310	580	234	480	52	130	132	20	12V/20 Ah
KGW 100	0 - 100.000	1550	1820	815	310	860	85	140	190	50	12V/20 Ah

\*Shackles can be extended on request.

## Charger with Exchange Accumulator Battery

Rechargeable battery provided to ensure continual operations of the Scales. Maintenance free.



Optional: Weighing data transmission by radio to several receiving units with RS 232 (V. 24). (network compatible)

- 1 Large display
- 2 EHP DataBox
- 3 EHP Grey-Box
- 4 EHP TELEBOX PLUS
- 5 EHP TELEDATA
- 6 RF Remote Control

