

**ECLA****EUROPEAN CLASSIFICATION****G01G****WEIGHING** (sorting by weighing [B07C5/16](#))**Note**

Attention is drawn to the Notes following the title of class G01.

**G01G1/00****Weighing apparatus involving the use of a counterweight or other counterbalancing mass**

- G01G1/02 . Pendulum-weight apparatus
- G01G1/02B . . [N: with variable cam radius or variable counterpoise pendulum]
- G01G1/04 . . The pendulum having a fixed pivot axis
- G01G1/06 . . . with a plurality of pendulums
- G01G1/08 . . The pendulum having a moving pivot axis, e.g. a floating pendulum
- G01G1/10 . . . with a plurality of pendulums
- G01G1/12 . . Constructional arrangements for obtaining equal indicative divisions
- G01G1/14 . . Temperature compensating arrangements
- G01G1/16 . . Means for correcting for obliquity of mounting
- G01G1/18 . Balances involving the use of a pivoted beam, i.e. beam balances
- G01G1/18B . . [N: Two draft weighing apparatus e.g. tandem scales systems]
- G01G1/20 . . Beam balances having the pans carried below the beam, and for use with separate counterweights
- G01G1/22 . . . for precision weighing
- G01G1/24 . . Platform-type scales, i.e. having the pans carried above the beam
- G01G1/24B . . . [N: having pans carried above the beam]
- G01G1/24B2 . . . . [N: of the parallelogram type]
- G01G1/26 . . with associated counterweight or set of counterweights
- G01G1/28 . . . involving means for automatically lifting counterweights corresponding to the load
- G01G1/29 . . . . with electrical or electro-mechanical control means
- G01G1/30 . . . wherein the counterweight is in the form of a chain
- G01G1/32 . . . wherein the counterweights are in the form of rider-weights
- G01G1/34 . . . involving a fixed counterweight, with poise-weights selectively added to the load side
- G01G1/36 . . . wherein the counterweights are slideable along the beam, e.g. steelyards
- G01G1/38 . . . . with automatically-driven counterweight
- G01G1/40 . . specially adapted for weighing by substitution
- G01G1/42 . . Temperature compensating arrangements

**G01G3/00****Weighing apparatus characterised by the use of elastically-deformable members, e.g. spring balances**

- G01G3/02 . wherein the weighing element is in the form of a helical spring

- G01G3/04 . . . using a plurality of springs
- G01G3/06 . . wherein the weighing element is in the form of a spiral spring
- G01G3/08 . . wherein the weighing element is in the form of a leaf spring
- G01G3/10 . . wherein the torsional deformation of a weighing element is measured
- G01G3/12 . . wherein the weighing element is in the form of a solid body stressed by pressure or tension during weighing
- G01G3/12A . . [N: wherein the weighing element is an optical member] [N9803]
- G01G3/13 . . having piezo-electric or piezo-resistive properties
- G01G3/14 . . measuring variations of electrical resistance ([G01G3/13 takes precedence](#)) [C9511]
- G01G3/14B . . . [N: Special supports with preselected places to mount the resistance strain gauges; Mounting of supports]
- G01G3/14B4 . . . . [N: combined with means to connect the strain gauges on electrical bridges]
- G01G3/14B5 . . . . [N: combined with special measuring circuits]
- G01G3/14B7 . . . . [N: the supports being of the column type, e.g. cylindric]
- G01G3/14B8 . . . . [N: the supports being disc or ring shaped]
- G01G3/14B9 . . . . [N: the supports being parallelogram shaped]
- G01G3/14D . . . . [N: Arrangements for correcting or for compensating for unwanted effects]
- G01G3/14D2 . . . . [N: for non-linearity]
- G01G3/14D4 . . . . [N: for temperature variations]
- G01G3/142 . . . Circuits specially adapted therefor
- G01G3/145 . . . . involving comparison with a reference value ([G01G3/147 takes precedence](#))
- G01G3/147 . . . . involving digital counting
- G01G3/15 . . measuring variations of magnetic properties
- G01G3/16 . . measuring variations of frequency of oscillations of the body
- G01G3/16B . . . [N: Constructional details]
- G01G3/18 . . Temperature-compensating arrangements

## **G01G5/00 Weighing apparatus wherein the balancing is effected by fluid action**

- G01G5/00B . . [N: load-cell construction or mountings]
- G01G5/00C . . [N: with pneumatic means]
- G01G5/02 . . with a float or other member variably immersed in liquid
- G01G5/04 . . with means for measuring the pressure imposed by the load on a liquid ([pressure gauges per se G01L](#))
- G01G5/04C . . . [N: combined with means for totalising the pressure imposed by several load-cells]
- G01G5/06 . . with electrical indicating means

## **G01G7/00 Weighing apparatus wherein the balancing is effected by magnetic, electromagnetic, or electrostatic action, or by means not provided for in the**

**preceding groups**

- G01G7/02 . by electromagnetic action
- G01G7/04 . . with means for regulating the current to solenoids
- G01G7/04B . . . [N: having a PID control system]
- G01G7/06 . by electrostatic action
  
- G01G9/00** **Methods or apparatus for the determination of weight not otherwise provided for**
- G01G9/00A . [N: using radiations, e.g. radioactive (analysing materials by the use of wave or particle radiation [G01N23/00](#))] [C9511]
  
- G01G11/00** **Apparatus for weighing a continuous stream of material during flow; Conveyor belt weighers**
- G01G11/00A . [N: Details; specially adapted accessories (details of weighing apparatus in general [G01G21/00](#); auxiliary devices for weighing apparatus in general [G01G23/00](#))]
- G01G11/00B . [N: Special taring or checking devices therefor (devices for determining tare weight in general [G01G23/14](#))]
- G01G11/02 . having mechanical weight-sensitive devices
- G01G11/02B . . [N: combined with totalising or integrating devices]
- G01G11/04 . having electrical weight-sensitive devices
- G01G11/04B . . [N: combined with totalising or integrating devices]
- G01G11/04B2 . . . [N: involving digital counting]
- G01G11/06 . having fluid weight-sensitive devices
- G01G11/06B . . [N: combined with totalising or integrating devices]
- G01G11/08 . having means for controlling the rate of feed or discharge (regulation of flow of fluent material [G05D](#))
- G01G11/08B . . [N: of the weight-belt or weigh-auger type ([G01G11/10](#), [G01G11/12](#) take precedence)] [N9803]
- G01G11/08C . . [N: of the loss-in-weight feeding type] [N9803]
- G01G11/10 . . by controlling the height of the material on the belt
- G01G11/12 . . by controlling the speed of the belt
- G01G11/14 . using totalising or integrating devices (totalising or integrating devices per se [G06](#)) [N: [G01G11/02B](#), [G01G11/04B](#), [G01G11/04B2](#) and [G01G11/06B](#) take precedence]
- G01G11/16 . . being electrical or electronic means
- G01G11/18 . . . using digital counting
- G01G11/20 . . being mechanical means
  
- G01G13/00** **Weighing apparatus with automatic feed or discharge for weighing-out batches of material (for weighing a continuous stream [G01G11/00](#); check-weighing [G01G15/00](#); for**

fluids [G01G17/04](#); apportioning by weight materials to be mixed [G01G19/22](#);  
combinatorial weighing [G01G19/387](#))

- G01G13/00B . [N: Details; specially adapted accessories (details of weighing apparatus in general [G01G21/00](#); auxiliary devices for weighing apparatus in general [G01G23/00](#))]
- G01G13/00B2 . . [N: Container supply or discharge mechanism (means for automatic loading or discharging [G01G13/02](#), [G01G13/16](#), [G01G13/24](#))]
- G01G13/02 . Means for automatically loading weigh pans or other receptacles, e.g. disposable containers, under control of the weighing mechanism
- G01G13/02B . . [N: Material feeding devices ([G01G13/04](#) to [G01G13/14](#) take precedence)]
- G01G13/02B2 . . . [N: by gravity]
- G01G13/02B4 . . . [N: by mechanical conveying means, e.g. belt or vibratory conveyer]
- G01G13/02B6 . . . [N: by pneumatic carrying means]
- G01G13/04 . . involving dribble-feed means controlled by the weighing mechanism to top up the receptacle to the target weight
- G01G13/06 . . . wherein the main feed is effected by gravity from a hopper or chute
- G01G13/08 . . . wherein the main feed is effected by mechanical conveying means, e.g. by belt conveyers, by vibratory conveyers
- G01G13/10 . . . wherein the main feed is effected by pneumatic conveying means, e.g. by fluidised feed of granular material
- G01G13/12 . . Arrangements for compensating for material suspended at cut-off, i.e. for material which is still falling from the feeder when the weigher stops the feeder
- G01G13/14 . . Arrangements for determination of, or compensation for, the tare weight of an unloaded container, e.g. of a disposable container
- G01G13/16 . Means for automatically discharging weigh receptacles under control of the weighing mechanism
- G01G13/18 . . by valves or flaps in the container bottom
- G01G13/20 . . by screw conveyers in the weigh receptacle
- G01G13/22 . . by tilting or rotating the weigh receptacle
- G01G13/24 . Weighing mechanism control arrangements for automatic feed or discharge
- G01G13/24B . . [N: Bulk-final weighing apparatus e.g. rough weighing balance combined with separate fine weighing balance]
- G01G13/24C . . [N: Twin weighing apparatus; weighing apparatus using single load carrier and a plurality of weigh pans coupled alternately with the load carrier; weighing apparatus with two or more alternatively used weighing devices]
- G01G13/24C2 . . . [N: using a single load carrier]
- G01G13/24C2B . . . . [N: with a single weighing receptacle divided into two or more alternatively used sections]
- G01G13/24C2B2 . . . . . [N: the weighing receptacles being rockable or oscillating]
- G01G13/24C2B4 . . . . . [N: the weighing apparatus being rotatable]
- G01G13/24D . . [N: Checking quantity of material in the feeding arrangement, e.g. discharge material only if a predetermined quantity is present]
- G01G13/24E . . [N: Continuous control of flow of material (control of flow [G05D7/00](#))]
- G01G13/26 . . involving fluid-pressure systems

G01G13/28	. . .	involving variation of an electrical variable which is used to control loading or discharge of the receptacle
G01G13/285	. . .	involving comparison with a reference value ( <a href="#">G01G13/29</a> takes precedence; [N: electric measuring arrangements involving comparison with a reference value <a href="#">G01R17/00</a> ]) [C9511]
G01G13/285B	. . . .	[N: for controlling automatic loading of weigh pans or other receptacles ( <a href="#">G01G13/29</a> takes precedence)]
G01G13/285B2	. . . . .	[N: involving dribble-feed means controlled by the weighing mechanism to top up the receptacle to the target weight]
G01G13/285B2B	. . . . .	[N: wherein the main feed is effected by gravity from a hopper or chute]
G01G13/285B2C	. . . . .	[N: wherein the main feed is effected by mechanical conveying means, e.g. by belt conveyers, by vibratory conveyers]
G01G13/285B2D	. . . . .	[N: wherein the main feed is effected by pneumatic conveying means, e.g. by fluidised feed of granular material]
G01G13/285B4	. . . . .	[N: Arrangements for compensating for material suspended at cut-off, i.e. for material which is still falling from the feeder when the weigher stops the feeder]
G01G13/285B6	. . . . .	[N: Arrangements for the determination of, or compensation for, the tare weight of an unloaded container, e.g. of a disposable container]
G01G13/29	. . .	involving digital counting
G01G13/29B	. . . .	[N: for controlling automatic loading of weigh-pans or other receptacles]
G01G13/29B2	. . . . .	[N: involving dribble-feed means controlled by the weighing mechanism to top up the receptacle to the target weight]
G01G13/29B2B	. . . . .	[N: wherein the main feed is effected by gravity from a hopper or chute]
G01G13/29B2C	. . . . .	[N: wherein the main feed is effected by mechanical means, e.g. by belt conveyers, by vibratory conveyers]
G01G13/29B2D	. . . . .	[N: wherein the main feed is effected by pneumatic conveying means, e.g. by fluidised feed of granular material]
G01G13/29B4	. . . . .	[N: Arrangements for compensating for material suspended at cut-off, i.e. for material which is still falling from the feeder when the weigher stops the feeder]
G01G13/29B6	. . . . .	[N: Arrangements for determination of, or compensation for, the tare weight of an unloaded container, e.g. of a disposable container]
G01G13/295	. . .	for controlling automatic loading of the receptacle [N: <a href="#">G01G13/285</a> , <a href="#">G01G13/29</a> take precedence]
G01G13/295B	. . . .	[N: involving dribble-feed means controlled by the weighing mechanism to top up the receptacle to the target weight]
G01G13/295B2	. . . . .	[N: wherein the main feed is effected by gravity from a hopper or chute]
G01G13/295B4	. . . . .	[N: wherein the main feed is effected by mechanical conveying means, e.g. by belt conveyers, by vibratory conveyers]
G01G13/295B6	. . . . .	[N: wherein the main feed is effected by pneumatic conveying means, e.g. by fluidised feed of granular material]
G01G13/295C	. . . .	[N: Arrangements for compensating for material suspended at cut-off, i.e. for material which is still falling from the feeder when the weigher stops the feeder]
G01G13/295D	. . . .	[N: Arrangements for the determination of, or compensation for, the tare weight of an unloaded container, e.g. a disposable container]
G01G13/30	. . .	involving limit switches or position-sensing switches

- G01G13/32 . . . involving photoelectric devices
- G01G13/34 . . involving mechanical linkage motivated by weighing mechanism
  
- G01G15/00** **Arrangements for check-weighing of materials dispensed into removable containers** (packaging aspects [B65B](#); [N: electric measuring arrangements involving comparison with a reference value [G01R17/00](#)])
  
- G01G15/00B . [N: Volumetric pre-dispensing to an estimated weight; Gravimetric make-up device for target device]
- G01G15/00C . [N: using electrical, electromechanical, or electronic means not covered by [G01G15/00B](#), [G01G15/02](#), [G01G15/04](#)]
- G01G15/02 . with provision for adding or removing a make-up quantity of material to obtain the desired net weight (dribble-feed means for automatic batch-weighers [G01G13/04](#))
- G01G15/04 . with provision for adding or removing a make-up quantity of material to obtain the desired gross weight (dribble-feed means for automatic batch-weighers [G01G13/04](#))
  
- G01G17/00** **Apparatus for or methods of weighing material of special form or property** (determining weight by measuring volume [G01F](#))
  
- G01G17/02 . for weighing material of filamentary or sheet form
- G01G17/04 . for weighing fluids, e.g. gases, pastes
- G01G17/06 . . having means for controlling the supply or discharge
- G01G17/08 . for weighing livestock
  
- G01G19/00** **Weighing apparatus or methods adapted for special purposes not provided for in the preceding groups** [N: (electric measuring arrangements involving comparison with a reference value [G01R17/00](#))] [C0405]
  
- G01G19/00A . [N: for postal parcels and letters]
- G01G19/00A2 . . [N: with electric or electronic computing means]
- G01G19/00C . [N: fractioning a determined weight of material in several equal parts]
- G01G19/02 . for weighing wheeled or rolling bodies, e.g. vehicles
- G01G19/02A . . [N: having electrical weight-sensitive devices ([G01G19/04](#) to [G01G19/07](#) take precedence)]
- G01G19/02B . . [N: for weighing wheeled or rolling bodies in motion ([G01G19/04B](#) takes precedence)]
- G01G19/02B2 . . . [N: using electrical weight-sensitive devices]
- G01G19/02C . . [N: wheel-load scales]
- G01G19/02C2 . . . [N: using electrical weight-sensitive devices]
- G01G19/02D . . [N: combined with shock-absorbing devices (shock-absorbing arrangements for bearings [G01G21/02](#); means for damping oscillations [G01G23/06](#); shock-absorbers per se [F16F](#))]

- G01G19/03 . . for weighing during motion ([G01G19/04](#), [G01G19/07](#) take precedence) [N: check weighing of materials dispensed into removable containers [G01G15/00](#); weighing a continuous stream of material during flow [G01G11/00](#); [G01G19/02](#), e.g. [G01G19/02B](#), [G01G19/04B](#) take precedence]
- G01G19/03B . . . [N: using electrical weight-sensitive devices]
- G01G19/04 . . for weighing railway vehicles
- G01G19/04A . . . [N: having electrical weight-sensitive devices]
- G01G19/04B . . . [N: for weighing railway vehicles in motion]
- G01G19/04B2 . . . . [N: using electrical weight-sensitive devices]
- G01G19/06 . . . on overhead rails
- G01G19/07 . . for weighing aircraft
- G01G19/08 . for incorporation in vehicles
- G01G19/08B . . [N: lift truck scale]
- G01G19/08C . . [N: wherein the vehicle mass is dynamically estimated] [N0405]
- G01G19/10 . . having fluid weight-sensitive devices
- G01G19/12 . . having electrical weight-sensitive devices
- G01G19/14 . for weighing suspended loads ([G01G3/00](#) takes precedence; incorporation of weighing devices in cranes [B66C1/40](#), [B66C13/16](#)) [[C9511](#)]
- G01G19/16 . . having fluid weight-sensitive devices
- G01G19/18 . . having electrical weight-sensitive devices
- G01G19/20 . . for weighing unbalanced loads
- G01G19/22 . for apportioning materials by weighing prior to mixing them ([ratio regulation G05D11/00](#))
- G01G19/24 . . using a single weighing apparatus
- G01G19/26 . . . associated with two or more counterweighted beams
- G01G19/28 . . . having fluid weight-sensitive devices
- G01G19/30 . . . having electrical weight-sensitive devices
- G01G19/30B . . . . [N: involving digital counting]
- G01G19/30C . . . . [N: involving comparison with a reference value]
- G01G19/32 . . using two or more weighing apparatus
- G01G19/34 . . with electrical control means
- G01G19/34B . . . [N: involving digital counting]
- G01G19/34C . . . [N: involving comparison with a reference value]
- G01G19/36 . . with mechanical control means
- G01G19/38 . . programme controlled, e.g. by perforated tape ([programme control in general G05B19/00](#))
- G01G19/38B . . . [N: involving digital counting]
- G01G19/38C . . . [N: involving comparison with a reference value]
- G01G19/387 . for combinatorial weighing, i.e. selecting a combination of articles whose total weight or number is closest to a desired value
- G01G19/393 . . using two or more weighing units
- G01G19/40 . with provisions for indicating, recording, or computing price or other quantities



- dependent on the weight ([indicating means for weighing apparatus G01G23/18](#); [recording means for weighing apparatus G01G23/18](#); computers in general [G06](#))
- G01G19/41 . . . using mechanical computing means
  - G01G19/413 . . . using electromechanical or electronic computing means
  - G01G19/414 . . . . using electronic computing means only
  - G01G19/414A . . . . [N: for controlling activation of safety devices, e.g. airbag systems (electrical circuits for triggering safety arrangements in case of vehicle accidents [B60R21/015](#))] [N0003] [C0808]
  - G01G19/414C . . . . [N: for controlling weight of goods in commercial establishments, e.g. supermarket, P.O.S. systems] [N0003]
  - G01G19/414D . . . . [N: for controlling caloric intake, e.g. diet control] [N0003]
  - G01G19/414P . . . . [N: for controlling postal rate in articles to be mailed (Franking apparatus with means for computing [G07B17/02](#))] [N0003]
  - G01G19/415 . . . . combined with recording means
  - G01G19/417 . . . with provision for checking computing part of balance
  - G01G19/42 . . . for counting by weighing ([G01G19/387](#) takes precedence)
  
  - G01G19/44 . . for weighing persons
  - G01G19/44A . . . [N: in a horizontal position]
  - G01G19/46 . . . Spring balances specially adapted for this purpose
  - G01G19/48 . . . Pendulum balances specially adapted for this purpose
  - G01G19/50 . . . having additional measuring devices, e.g. for height
  
  - G01G19/52 . . Weighing apparatus combined with other objects, e.g. furniture ([with walking sticks A45B3/08](#))
  - G01G19/54 . . . combined with writing implements or paper-knives
  - G01G19/56 . . . combined with handles of tools or household implements
  - G01G19/58 . . . combined with handles of suit-cases or trunks
  - G01G19/60 . . . combined with fishing equipment, e.g. with fishing rods
  
  - G01G19/62 . . over or under weighing apparatus
  
  - G01G19/64 . . Percentage-indicating weighing apparatus, i.e. for expressing the weight as a percentage of a predetermined or initial weight

**G01G21/00****Details of weighing apparatus**

- G01G21/02 . . Arrangements of bearings ([bearings per se F16C](#))
- G01G21/02C . . . [N: of tapes or ribbons]
- G01G21/02D . . . [N: using a combination of knife-edge and ball or roller bearings]
- G01G21/02H . . . [N: Hydraulic or pneumatic bearings]
- G01G21/04 . . . of knife-edge bearings
- G01G21/06 . . . of ball or roller bearings
- G01G21/07 . . . of flexure-plate bearings
- G01G21/08 . . . Bearing mountings or adjusting means therefor



- G01G21/08B . . . [N: of knife-edge bearings (knife-edge bearings [G01G21/04](#))]
- G01G21/10 . . Floating suspensions; Arrangements of shock absorbers (shock absorbers per se [F16F](#))
- G01G21/12 . . Devices for preventing derangement
- G01G21/12B . . . [N: of knife-edge bearings (knife-edge bearings [G01G21/04](#))]
- G01G21/14 . Beams
- G01G21/16 . . of composite construction; Connections between different beams
- G01G21/16B . . . [N: Connections between different beams]
- G01G21/16B2 . . . . [N: using knife-edge bearings (knife-edge bearings [G01G21/04](#))]
- G01G21/16B4 . . . . [N: using ball or roller bearings (ball or roller bearings [G01G21/04](#))]
- G01G21/16B6 . . . . [N: using tapes or ribbons (tapes or ribbons [G01G21/02C](#))]
- G01G21/16B8 . . . . [N: using flexure plate fulcrums (flexure plate fulcrums [G01G21/07](#))]
- G01G21/16B10 . . . . [N: combined with different kinds of bearings]
- G01G21/16B10B . . . . . [N: combined with knife-edge and ball or roller bearings]
- G01G21/18 . Link connections between the beam and the weigh pan
- G01G21/18B . . [N: using knife-edge bearings (knife-edge bearings [G01G21/04](#))]
- G01G21/18C . . [N: using ball or roller bearings (ball or roller bearings [G01G21/06](#))]
- G01G21/18D . . [N: using tapes or ribbons (tapes or ribbons [G01G21/02C](#))]
- G01G21/18E . . [N: using flexure plate fulcrums (flexure plate fulcrums [G01G21/07](#))]
- G01G21/20 . . for precision weighing apparatus
- G01G21/22 . Weigh pans or other weighing receptacles; Weighing platforms
- G01G21/23 . Support or suspension of weighing platforms ([G01G21/24](#) takes precedence)
- G01G21/23B . . [N: using knife-edge bearings (knife-edge bearings [G01G21/04](#))]
- G01G21/24 . Guides or linkages for ensuring parallel motion of the weigh-pans
- G01G21/24B . . [N: combined with knife-edge bearings (knife-edge bearings [G01G21/04](#))]
- G01G21/24C . . [N: combined with ball or roller bearings (ball or roller bearings [G01G21/06](#))]
- G01G21/24D . . [N: combined with tapes or ribbons (tapes or ribbons [G01G21/02C](#))]
- G01G21/24E . . [N: combined with flexure-plate fulcrums (flexure-plate fulcrums [G01G21/07](#))]
- G01G21/24F . . [N: combined with different kinds of bearings]
- G01G21/24F2 . . . [N: combined with knife-edge and ball or roller bearings]
- G01G21/24F4 . . . [N: combined with knife-edge bearings and tapes or ribbons]
- G01G21/24F6 . . . [N: combined with knife-edge and flexure-plate fulcrums]
- G01G21/26 . Counterweights; Poise-weights; Sets of weights; Holders for the reception of weights
- G01G21/28 . Frames, Housings
- G01G21/28T . . [N: Details related to a user interface] [\[N1204\]](#)
- G01G21/28W . . [N: with windshields] [\[N1204\]](#)
- G01G21/30 . Means for preventing contamination by dust

**G01G23/00****Auxiliary devices for weighing apparatus**

- G01G23/00D . [N: Means for correcting for obliquity of mounting (for pendulum-weight apparatus [G01G1/16](#))]
- G01G23/00E . [N: Means for preventing overload]
- G01G23/00S . [N: Integrated arrangements for generating electrical power, e.g. solar cells] [N9803]
- G01G23/01 . Testing or calibrating of weighing apparatus
- G01G23/01C . . [N: with load cells comprising in-build calibration weights] [N1204]
- G01G23/01G . . [N: by adjusting to the local gravitational acceleration] [N1204]
- G01G23/01S . . [N: Securing calibration against fraud] [N1204]
- G01G23/02 . Relieving mechanisms; Arrestment mechanisms
- G01G23/04 . . for precision weighing apparatus
- G01G23/06 . Means for damping oscillations, e.g. of weigh beams
- G01G23/08 . . by fluid means
- G01G23/10 . . by electric or magnetic means
- G01G23/12 . . specially adapted for preventing oscillations due to movement of the load
- G01G23/14 . Devices for determining tare weight or for cancelling out the tare by zeroising, e.g. mechanically operated (in connection with automatic loading [G01G13/14](#))
- G01G23/16 . . electrically or magnetically operated
- G01G23/16B . . . [N: involving digital counting]
- G01G23/16C . . . [N: involving comparison with a reference value]
- G01G23/18 . Indicating devices, e.g. for remote indication; Recording devices; Scales, e.g. graduated [C9511]
- G01G23/20 . . Indicating weight by mechanical means
- G01G23/20A . . . [N: with wheel-type counters]
- G01G23/20B . . . [N: special graduated scales therefor ([G01G23/24](#) takes precedence)]
- G01G23/22 . . . combined with price indicators
- G01G23/24 . . . involving logarithmic scales
- G01G23/26 . . . Drive for the indicating member, e.g. mechanical amplifiers
- G01G23/28 . . . involving auxiliary or memory marks
- G01G23/30 . . . with means for illuminating the scale
- G01G23/32 . . Indicating the weight by optical projection means
- G01G23/34 . . . combined with price indicators
- G01G23/35 . . indicating the weight by photographic recording
- G01G23/36 . . indicating the weight by electrical means, e.g. using photoelectric cells
- G01G23/36A . . . [N: using photoelectric cells]
- G01G23/36B . . . [N: using electric contacts]
- G01G23/36C . . . [N: using magnetic or capacitive contacts]

- G01G23/365 . . . involving comparison with a reference value ([G01G23/37](#) takes precedence) [\[C9511\]](#)
- G01G23/37 . . . involving digital counting
- G01G23/37B . . . . [\[N: using a microprocessor\]](#)
- G01G23/37B2 . . . . . [\[N: with feedback means\]](#)
- G01G23/37B4 . . . . . [\[N: with particular representation of the result, e.g. graphic\]](#)
- G01G23/37W . . . . . [\[N: with wireless means\]](#) [\[N1204\]](#)
- G01G23/37W2 . . . . . [\[N: using a digital network\]](#) [\[N1204\]](#)
- G01G23/37W2T . . . . . [\[N: using a mobile telephone network\]](#) [\[N1204\]](#)
- G01G23/375 . . . . during the movement of a coded element
- G01G23/38 . . Recording and/or coding devices specially adapted for weighing apparatus ([computers per se G06](#); [disc converters in general G08C](#))
- G01G23/40 . . . mechanically operated
- G01G23/42 . . . electrically operated
- G01G23/44 . . . . Coding devices therefor
- G01G23/46 . . . Devices preventing recording until the weighing mechanism has come to rest
- G01G23/48 . Temperature-compensating arrangements ([G01G1/14](#), [G01G1/42](#), [G01G3/18](#) take precedence)