

Abstract

Hanging scale sensor apparatus and hanging scale comprising same

5 The present invention provides a hanging scale sensor apparatus and a hanging scale comprising the same. The hanging scale sensor apparatus comprises a weighing sensor, an adapter beam, a support base and a scale pan suspension structure, wherein the adapter beam is connected to one end of a bottom face of the weighing sensor, and the support base is connected to the other end of the bottom
10 face of the weighing sensor, such that the adapter beam and the support base are positioned directly below the weighing sensor; and the scale pan suspension structure is connected to the adapter beam for positioning the hanging scale sensor. The present invention may be separately assembled, may be placed inside a scale body according to requirements, and may further adjust the internal space of the
15 scale body. The hanging scale sensor has an adjustable installation position, can realize two-way limitations and overloading prevention, and occupies a small installation space. The hanging scale sensor has a small overall size and thus has little influence on the structural layout of the scale body and is very suitable for the design of a super-thin scale body structure.

20 Figure 1