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(57) Abstract :
A safety-based measurement scale holding device comprises of a platform 1 developed to be positioned on a vertical fixed surface, base portion of the platform 1 is installed with multiple suction cups 3 that are activated to establish proper adherence of the platform 1 on the surface, a pair of inclined plates arranged on the platform 1 via motorized hinges which forms multiple slots for accommodation of measurement scales, an artificial intelligence enabled image capturing module 2 is installed with the platform 1 for determining portion of the scales still unaccommodated, a L-shaped rod 4 integrated with a suction unit is arranged on each of the plates that are dedicated towards establishment of firm contact with the unaccommodated portions of the scale to avoid falling down of the scales due to uneven distribution of mass.

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