

ABSTRACT OF THE DISCLOSURE

An upper portion of a case body (1) of a radiant-temperature clinical thermometer is integrally formed to include a supporting frame (11) to which a supporting
5 cylinder (2) is secured horizontally. The tip of the supporting cylinder (2) projects outwardly and a radiant-temperature sensor (3) for sensing heat rays from the external ear is secured to the end face of the tip. A cylindrical probe (4) is supported on the
10 supporting cylinder (2) so as to be free to slide, and the cylindrical probe (4) is biased by a coil spring (42) in a direction that thrusts the probe outwardly. A flange (41) on the base end of the cylindrical probe (4) abuts against a stopper (12) of the supporting frame
15 (11), whereby the extended position of the cylindrical probe (4) is determined. A cover (9) is attached to the tip portion of the cylindrical probe (4). When the tip portion of the cylindrical probe (4) is inserted slightly into the orifice of the ear and pressed, the cylindrical
20 probe (4) retracts and a lever (51) of a microswitch (5), which is attached to the supporting frame (11), is pressed by the flange (41) of the cylindrical probe (4). The switch (5) produces an ON signal as a result. The ON signal is applied as a measurement-start trigger signal
25 to a temperature measuring circuit provided within the case body (1). The temperature measuring circuit measures body temperature based upon an output from the temperature sensor (3). Thus, the timing at which



temperature measurement starts is always fixed so as to
reduce a variance in measured temperature.

This Sheet Has Been Replaced

