

ABSTRACT

There is provided a respiratory movement measurement apparatus that can obtain a respiratory movement signal for each region by dividing and setting a region to be evaluated in a simple manner with good reproducibility. The respiratory movement measurement apparatus emits a light flux to a body surface 32 of a subject 31, captures reflected light by a camera 35, and thereby measures a respiration rate of the subject, wherein a merkmal indicating a mark position is further set on the body surface of the subject, a mark having a reflectance different from that of the body surface is placed on the merkmal, the body surface is divided into a plurality of regions on an observed image by a dividing line passing through the mark, bright spot reflection for each of the divided regions is summed, and thereby a respiratory movement signal is obtained.

[Fig. 3 for publication]