

ALLNAMES:(3B Scientific GmbH)

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Machine translation

1. [207052171](#) RECOVERY SIMULATOR OF UTENSIL VOLUME OF BLOWING GAS LOGGING FUNCTION

CN - 27.02.2018

Int.Class [G09B 23/28](#) Appl.No 201620150759.2 Applicant 3B SCIENTIFIC GMBH Inventor HEIKO MALESKA-KUBICK

The utility model discloses a recovery simulator of utensil volume of blowing gas logging function, it has: be used for bloing in the assistant exhales inspiratory gas blow pipe and joins venturi, pressure measuring equipment and the signal preprocessing circuit of gas blow pipe to through breathing gas conduction connecting piece, and venturi has: have interior cross sectional area's first pipeline section and the second pipeline section that has the interior cross sectional area of second, and cross sectional area is less than in the second cross sectional area in first, wherein it has the 2nd ressure measurement position in a ressure measurement position and the second pipeline section to have in the first pipeline section, use pressure measuring equipment confirm between first, the 2ndressure measurement position pressure differential and pressure measuring equipment produces the ressure measurement signal, use signal preprocessing circuit, through getting oneself venturi the ressure measurement signal can calculate and obtain volume flow rate.

2. [20160012752](#) RESUSCITATION SIMULATOR WITH COMPRESSION MEASUREMENT

US - 14.01.2018

Int.Class [G09B 23/28](#) Appl.No 14693221 Applicant 3B Scientific GmbH Inventor Heiko Maleska-Kubick

A resuscitation simulator includes a chest wall which moves back and forth along a compression path and a distance sensor as described for the invention which measures the optical path length between a transmitter and a receiver. The optical path length is determined by the position of the chest wall along the compression path. This enables the simple determination of the compression depth during reanimation training by measuring the optical path length and furnishes feedback to the person undergoing training in respect of the quality of the cardiac massages performed.

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