

New product “AGT-001 Portable Remaining Oxygen Timer” is now released.

AIWA. Co., Ltd

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AGT-001 can prevent medical incidents from shortages of oxygen in a gas cylinder.

.AIWA. Co., Ltd has released “AGT-001 Portable Remaining Oxygen Timer” from December 11<sup>th</sup>.

There have been cases of patients having breathing trouble due to oxygen in gas cylinders running out when they were transferred in hospitals.(\*1)

This could lead to serious medical incidents and accidents.

Nursing departments from Public hospitals in Shizuoka suggested the idea of the AGT-001, and it has been developed with great cooperation from the Pharma Valley center, Industrial Research Institute of Shizuoka, and Numazu Industrial technology support center to prevent those incidents.

AGT-001 is a timer with an alarm to inform us of shortages of oxygen in a cylinder. It can calculate the time remaining based on the gas amount in a cylinder and the amount of flowing being set.

Up until now, nurses had to check how long an oxygen cylinder can be used with a conversion chart, a display of a pressure on a regulator, and doctors' instructions about its flow when they use oxygen cylinders to transfer patients.

AGT-001 can help them and prevent human errors like mistaking a conversion chart.

AGT-001 is miniaturized and has a strong magnet. It also has a strap, and those help prevent dropping.

#### <Strong points of AGT-001>

- It automatically displays available remaining time based on the pressure in a cylinder and the amount of flowing being set.
- It always displays the calculated pressure in the cylinder with the timer system.
- The alarm will go off when the pressure reaches 5Mpa.  
(The amount of flow will fluctuate under 5Mpa.)
- It automatically turns the power off if the timer isn't set.
- It is small and light.

#### <Spec of AGT-001>

Operation type: Button

External dimension: 60mm (H) x 100mm (W) x 16mm (D)

Weight: 80g (not including the battery)

Installation type: Magnet and strap

Power source: DC 3.0V (2 AAA alkaline batteries)

(Batteries are not included with the product)

Consumption current: Set up: 1.4mA

Timer operates at: 450  $\mu$  A

Alarm goes off at: 4.5mA Max

#### <Estimated market price>

Around 18,000 JPY (Not including tax)

#### <Note>

(\*1)Japan Council for Quality Health Care, November 2010

#### <Reference>

Image of the Product: AGT-001

Catalog

#### <Information>

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#### About Us

AIWA. Co., Ltd, established in 1979, mainly develops, manufactures, and sells audio systems and beauty equipment.

We have our own factory in Susono city, Shizuoka, and produce OEM and DOM products.