

# Pbi Laboratory Gazette

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## Press Release

### COLONY COUNT (cod. 14800)



Counting the colonies counting on Petri dishes is one of the most tedious activities in the microbiological laboratory.

The "Colony Count" viewer and the "Colony Count pen" are the best combined solution for a simple, easy and correct enumeration of Colony Forming Units on the surface of a Petri dish.

The indirect lighting of the viewer avoids eye strain for the operator and better interpretation of the colonies. The independent electronic pen is easy to use. No more stress in colony counting!



## summer holidays 7-25 august 2006

## Press Release

### EFFICIENT STERILIZATION (cod. 2254)



The most known and effective method of sterilisation is by formaldehyde. The earliest published used of formaldehyde as an antimicrobial dated to 1886 by Loew and Fisher. Subsequently it was promoted as a vapour phase fumigant to infected enclosures. Its later use has been extensive in a variety of applications, including hospitals, agriculture, egg incubators, cold sterilisation, toxin and vaccine inactivation, urinary tract infections.

The formaldehyde is a toxic gas that can be dangerous for the staff involved in its use. It is therefore necessary to neutralise it by ammonia producing a harmless by-product. "Formalintec" produced by International Pbi is an automatic system that by heating first transform formaldehyde from the liquid state to the gas state and subsequently neutralises the formaldehyde by ammonia producing a harmless by-product.

"Formalintec" is suitable for disinfection from 100 to 500 cubic meter environment, but it is possible to increase the volume up to 15.000 cubic metres.

## Press Release

### STERILISATION ACCORDING TO ISO EN 17025 (cod. 36340)



International Pbi presents the latest born in the autoclave family: the "Alfa-10-Plus" vertical automatic autoclave.

The outer structure and the pressure vessel are entirely manufactured from AISI 304 stainless/steel for an easy cleaning and disinfection.

The autoclave is manufactured to PED 97/23 EC to conform to international safety standards; it has a guarantee of ten years and includes four different safety devices and it is wheeled for an easy movement during cleaning operations.

The lid has an ABS insulated system with central locking spinwheel. The user friendly instruction panel is according to Good Laboratory Practice.

## Press Release

### CONTAMINATION CONTROL IN ISOLATORS



"Super SAS Isolator" is the last born in the family of "SAS microbiological air Samplers" for critical air monitoring in isolator and barrier environments.

It consists of a programmable unit which remains outside the controlled area and an independent sampling head which uses RODAC Contact Plates or Standard disposable 90 mm Petri dishes.

"SAS Super Isolator" produced by International Pbi in Milan (Italy) can be placed anywhere within the isolator or barrier environment. Up to 1000 litres of air are sampled in ten or six minutes. It is fully programmable for air volume, delay, multiple cycles from outside the isolator. Printed documentation according to sampling location, operation name, sampling parameters.

**pb**international

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UNI EN ISO 9001:2000



CERTIFIED QUALITY SYSTEM

INTERNATIONAL PBI IS  
ISO 9001:2000 CERTIFIED

# SAS

## • DUO SAS 360

# WHY?

### DUAL HEAD PORTABLE MICROBIOLOGICAL AIR SAMPLER

Single body with two aspirating heads: two separate plates may be used for simultaneous sampling to differentiate micro-organisms (onto two different media) or onto the same media to calculate an average value and to obtain a more representative result



DUO SAS 360  
24584

Plate Count Agar plate on left and right aspirating heads to calculate an average result and to obtain a more reliable and realistic number of Colony Forming Unit (CFU)

Plate Count Agar plate on left and right aspirating heads to produce a valid statistical evaluation of the results

Plate Count Agar plate on left and right aspirating heads to monitor a higher volume of air in Clean Room (360 litres per minute)

Plate Count Agar plates on left and right aspirating heads to reduce the operator time during the air monitoring activity (about 3 minutes for 1000 litres of air)

Trypticase Soy Agar plate on left aspirating head for Total Bacterial Count (or Plate Count Agar) and Sabouraud Dextrose Agar plate (or Rose Bengal Agar) on right aspirating head for yeast and moulds count

### WHAT TO ORDER

Catalogue Number	Description
24584	DUO SAS 360 air sampler with air flow of 180 l/min per head (without head and transformer)