

## X-RAY SAFETY DECLARATION



**Empyrean**

PANalytical B.V. declares under our sole responsibility that the system:

Type: 9430 060 03002  
Description: Röntgen diffractometer system Empyrean series 2

*to which this declaration relates, is in conformity with the following X-ray safety requirements and reports*

Equipment: Designed and tested to the applicable standards.  
Increased X-safe functionality incorporated.

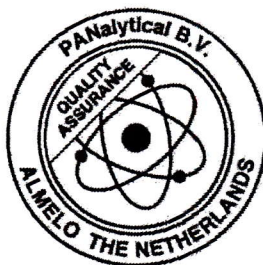
*TÜV test report X-safe controller.*

Radiation level: Less than 1 micro Sv/h at 10 cm of the outside surface.

Worldwide most stringent requirements to stipulate the basic safety standards for the protection of labour and the population against the hazards of ionizing radiation.

**The system herewith complies with the**

*Requirements of the Euratom Directive 96/29/EC.*

  
G. Wiltink (Quality Manager)

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# WEEE Directive

4022 339 07311

# Environmental Information

August 13, 2005

## INTRODUCTION

This message is intended to inform users of PANalytical products in the European member States, about the consequences of the WEEE Directive. The WEEE directive is European legislation designed to contribute to the realization of the objectives as stated in the environmental policy of the European Community.

The objectives of the European Community environmental policy are:

- preserve, protect and improve the quality of the environment and
- protect human health and
- utilise natural resources prudently and rationally

To realize the objectives the Community Action Programme states:

- achievement of sustainable development
- reduction of wasteful consumption of natural resources
- prevention of pollution

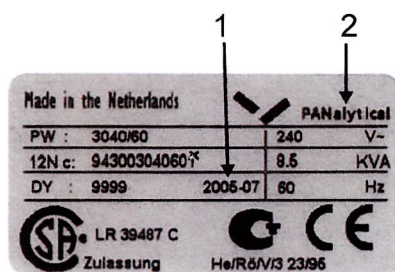
One of the target areas mentioned in the programme to be regulated is the “waste electrical and electronic equipment” (WEEE).

According to the WEEE directive the products of PANalytical are classified in the category “monitoring and control instruments” (WEEE-category 9).

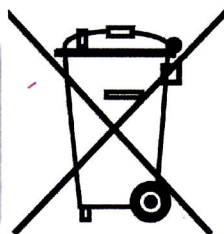
In line with the requirements of the WEEE-category classification, the following measures will be taken.

## IDENTIFICATION

From August 13, 2005 onwards, PANalytical's systems will be marked with the crossed-out wheely bin, as shown in the figure. Which means that products must be disposed according to the WEEE provisions. The year and month of manufacturing (1) and manufacturer's name (2) are present on the type plate on the rear of the equipment as shown in the figure.



Type plate



Crossed-out Wheely Bin

## DISPOSAL

Labelling is the first step towards disposal according to WEEE. It is a guarantee to users of PANalytical equipment that collection, treatment, removal and environmentally sound disposal of this product is part of the transaction.

Unless Member State legislation requires a different approach, the PANalytical policy for older equipment that was on the market before 2005-08-13 (called historical waste) is, that all costs shall be provided for by the users.



## DECLARATION OF CONFORMITY

**Empyrean**

PANalytical B.V. declares under our sole responsibility that the system:

Type: 9430 060 03002  
Description: Röntgen diffractometer system Empyrean including loading options

*to which this declaration relates is in conformity with the following standards or other normative documents.*

EMC: Emission and immunity standard  
EN61326-1 Class A

Safety: EN61010/IEC61010  
Safety requirements for electrical equipment for measurement, control and laboratory use  
EN60204 (relevant parts)  
Safety of machinery – Electrical equipment of machines

*The system herewith complies with the requirements of the*

EMC Directive 2004/108/EC  
Machine Directive 2006/42/EC

  
G. Wiltink (Quality Manager)

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