



## EC-Type Examination Certificate

- (1) **EC-Type Examination Certificate**  
(2) **Equipment or Protective Systems Intended for use  
in Potentially Explosive Atmospheres  
Directive 94/9/EC**

(3) EC-Type Examination Certificate Number:

**FTZÚ 03 ATEX 0170X**

(4) Equipment or protective system: **Machine Vibration Analyser 4300 Series, type A4300-Ex**

(5) Manufacturer: **Adash s.r.o.,**

(6) Address: **Pikartská 7, 716 07 Ostrava – Radvanice, Czech Republic**

(7) This equipment or protective system and any of acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

(8) The Physical Technical Testing Institute, notified body number 1026 in accordance with Article 9 of the Council Directive 94/9/EC of 23 March 1994, certifies that this equipment or protective system has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in confidential Report N°

**02/0170 dated 02. 07. 2003**

(9) Compliance with Essential Health and safety requirements has been assured by compliance with:

**EN 50014:1997 + A1, A2; EN 50020:2002**

(10) If the sign „X” is placed after the certificate number, it indicates that the equipment or protective system is subject to special conditions for safe use specified in the schedule to this certificate.


(11) This EC-TYPE EXAMINATION CERTIFICATE relates only to the design, examination and testing of the specified equipment or protective system in accordance to the directive 94/9/EC. Further requirements of the Directive apply to the manufacturing process and supply of this equipment or protective system. These are not covered by this certificate.

(12) The marking of the equipment or protective system shall include following:

 **II 2G EEx ib IIC T3**

This EC-Type Examination Certificate is valid till: **03. 07. 2008**

Responsible person:

  
Dipl. Ing. Šindler Jaroslav  
Head of certification body



Date of issue: 03.07.2008

Number of pages: 3

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**Physical Technical Testing Institute  
Ostrava-Radvanice**

(13)

**Schedule**

(14) **EC-Type Examination Certificate N° FTZÚ 03 ATEX 0170X**

(15) Description of Equipment or Protective System:

Machine Vibration Analyser 4300 Series type A4300-Ex is designed for vibration measurement and enables measurement in service. The analyser consists of acceleration meters type 797-35, manufactured by WILCOXON RESEARCH and the evaluation unit produced by the company ADASH s.r.o.

The device is supplied by two secondary batteries NiMH with nominal voltage of 8,4 V. It is not allowed to connect any apparatus to connectors RS-232 and TRIG IN in classified areas.

(16) Report No. : 03/0170 (37 pages)

(17) Special conditions for safe use:

17.1 Ambient temperature: - 20°C to + 70°C


17.2 Only NiMH batteries manufactured by company GP type (15F8H) 150 mAh are allowed as source of supply..

17.3 Replacement and charging of these batteries is allowed only in safe area (without potentially explosive atmosphere).

(18) Essential Health and Safety Requirements:

Covered by standards mentioned in (9).

Responsible person:

  
Dipl. Ing. Sindler Jaroslav  
Head of certification body



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## Physical Technical Testing Institute

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(13)

### Schedule

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### LIST OF DOCUMENTATION

1. Documentation for production No. v1.0BZ A4300-Ex (pages 1 to 29) on 29.05.2003
2. User's manual A4300-Ex Ref: 27062003KM (42 pages) verified 30.06.2003
3. Certificate FTZÚ 98 Ex 0783X (3 pages) on 30.09.1998
4. Certificate FTZÚ 02 ATEX 0434X (3 pages) on 28.02.2003