KEMA
REGISTERED QUALITY

(1) EC-TYPE EXAMINATION CERTIFICATE

(2) Equipment or protective system intended for use in potentially explosive atmospheres - Directive 94/9/EC

(3) EC-Type Examination Certificate Number: **KEMA 99ATEX3730**

(4) Equipment or protective system: **Rechargeable Battery Pack, Type 12V/7AH-ID3sTx**

(5) Manufacturer: **Mettler-Toledo (Albstadt) GmbH**

(6) Address: **Unter dem Malesfelsen 34, 72458 Albstadt, Germany**

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

(8) KEMA, notified body number 0344 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 no. 93730.

(9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN 50014 : 1992 + prA1 EN 50020 : 1994

(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 and construction of the specified equipment or protective system. If applicable, further requirements of this Directive apply to the manufacture and supply of this equipment or protective system.

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

Ex II 2 G EEx ib IIC T4

Arnhem, 27 October 1999
by order of the Board of Directors of N.V. KEMA

C.M. Boschloo
Certification Manager

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ACCREDITED BY
THE DUTCH COUNCIL
FOR ACCREDITATION

KEMA

(13) # SCHEDULE

(14) **to EC-Type Examination Certificate KEMA 99ATEX3730**

(15) **Description**

The Rechargeable Battery Pack Type 12V/7AH-ID3sTx is housed in a metallic enclosure, and consists of 6 lead acid cells and a current limiting resistor providing the intrinsically safe output.

Ambient temperature range -20 °C ... +40 °C.

Electrical data

Output circuit ..... (terminals P1-J and P1-K) in type of explosion protection intrinsic safety EEx ib IIC with following maximum values:

U_o = 13,6 V
I_o = 895 mA
P_o = 3,0 W

Maximum allowed external capacitance C_o = 0,65 μF
Maximum allowed external inductance L_o = 23 μH

The battery pack may only be charged outside the hazardous area (charge current 1 A ± 10 %)

(16) **Report**

No. 93730

(18) **Essential Health and Safety Requirements**

Essential health and safety requirements not covered by standards listed at (9)	
Clause	Subject
1.0.5	Marking
1.0.6 (b)	Instructions

These essential health and safety requirements are examined and the results are laid down in the report listed at (16).

(19) **Test documentation**

1. Certificate of Conformity KEMA No. Ex-97.D.1868

signed

2. Drawing No. 22003618 A3 01.07.1999

3. Samples