



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: **Baseefa03ATEX0079**

4 Equipment or Protective System: **C950* IS SERIES PRESSURE METERS**

5 Manufacturer: **COMARK LIMITED**

6 Address: **Comark House, Gunnels Wood Park, Gunnels Wood Road, Stevenage,
Hertfordshire, SG1 2TA**

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 Baseefa (2001) Ltd. Notified body number 1180, 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. 02(C)0118 dated 8 April 2003

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

EN 50014: 1997 + Amndts 1 & 2 EN 50020: 2002 EN 50284: 1999

except in respect of those requirements listed at item 18 of the Schedule.

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. 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 the following :

⊕ II 1G EEx ia IIC T4

This certificate may only be reproduced in its entirety, without any change, schedule included.

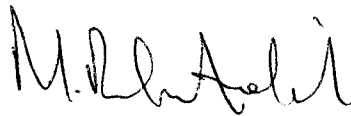
Baseefa (2001) Ltd. Customer Reference No.0604

Project File No.02/0118

This certificate is granted subject to the general terms and conditions of Baseefa (2001) Ltd. It does not necessarily indicate that the equipment may be used in particular industries or circumstances.

Baseefa (2001) Ltd.

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PP R S SINCLAIR
DIRECTOR
On behalf of
Baseefa (2001) Ltd.



13 **Schedule**

14 **Certificate Number Baseefa03ATEX0079**

15 **Description of Equipment or Protective System**

The C950*IS Series Pressure Meters are portable self-contained battery powered instruments designed to measure and display pressure applied to the pressure ports.

The apparatus contains a piezo-resistive sensor which is secured to the pressure port block. The sensor is wired to the printed circuit board (pcb) which contains the keypad contacts and other electronic components, including an LCD display which may be provided with back lighting by our LEDs. The pcb is housed in a hand-held plastic enclosure which has a separate compartment that contains a battery together with a pcb-mounted current limiting resistor.

Only a 6F22 zinc-carbon, zinc-chloride or Duracell type MN1604 batteries may be used.

The sensor may be filled with silicone.

The symbol * in the series C950*IS may be replaced by any character to denote a specific temperature range.

16 **Report Number**

02(C)0118

17 **Special Conditions for Safe Use**

None

18 **Essential Health and Safety Requirements**

All relevant Essential Health and Safety Requirements are covered by the standards listed at item 9.

19 **Drawings and Documents**

Number	Issue	Date	Description
A1/GA/10199	7	17.03.03	General Assembly
A1/CCT/10198	4	22.12.95	Circuit Diagram
A2/PCL/10103	4	28.11.95	PCB Assembly
A2/PCA/10102, Sheets 1-3	4	09.01.03	PCB Artwork
*A2/PCA/6854, Sheets 1 & 2	1	16.08.91	Battery Connector PCB. Solder Side. Tracking. Drilling.
*A3/GA/6005	4	04.02.03	C9000 Series Battery Lead
A3/LA/10202	8	29.01.03	C950* Series Label
*A4/CS/6006	3	28.02.03	Battery Lead Parts List
A4/LA/8317	3	14.01.93	Battery Type Label

* These drawings are held with certificate Baseefa03ATEX0056