



## Test report No. 2972/04

### about the test of a technical equipment

RWTÜV Systems GmbH  
A Company of the  
TÜV Nord Group  
Langemarckstr. 20  
D-45141 Essen  
Postfach 10 32 61  
D-45032 Essen  
Telefon 02 01/8 25-0  
Telefax 02 01/8 25-25 17  
Registered Office: Essen  
AG Essen, HRB 9976  
Chairman of  
the Supervisory Board:  
Dr. Wilhelm Wick  
Management:  
Volker Klosowski

Sub-Division  
Certification

Department  
Equipment Safety, Medical  
Products

Applicant: Cattani S.p.A.  
Via G. Natta 6/A  
43100 Parma  
Italy

Order No.: 20650042/10

This report contains 2 text pages

Designed: 10.12.2004 by: 

Reviewed: 10.12.2004 by: 

All copyright and joint copyrights with respect to studies, assessments, test results, calculations, presentations, etc., drafted by RWTÜV Systems GmbH shall remain the property of RWTÜV Systems GmbH. RWTÜV Systems GmbH's contractual partner may use assessments, studies, test results, calculations, presentations, etc., drafted within the scope of the contract only for the purpose agreed in the contract or agreement. It is not permissible to pass on to third parties the reports, assessments, test results, calculations, presentations, etc., drawn up by RWTÜV Systems GmbH or to publish them in abridged form, unless the parties to the contract have concluded a written agreement on the passing on, presentation or publication of extracts from them.

**Applicant:** Cattani S.p.A.  
Via G. Natta 6/A  
43100 Parma  
Italy

**Reference/Equipment:** Amalgam-Separator Hydrocyclone ISO 18

**Waterflowrate:** 0,5l/min

**Date of receipt:** 10.2004

**Type of examination:** Information test

**Test regulations:** EN ISO 11143:1999+A1:2002(D)

**Testing period:** 10.2004 - 11.2004

**Test location:** Technology centre of  
RWTÜV Systems GmbH

**Annex (No. of pages):** 1. Test program (1 page)

**Test result:** The referenced unit is in compliance with the above requirements.

**Test program EN ISO 11143 :1999 + A1:2002 (D)**  
**Dental Equipment-Amalgam Separators**

Test date: 10.2004

Expert: Hlg

Applicant: Cattani S.p.A., Via G. Natta 6/A, 43100 Parma, Italy


Test object: Amalgam Separator ISO Hydrocyclone 18 liters

- Classification: Type 4: Hydrocyclone with sedimentation system
- Amalgam sample: Becker Meßtechnik GmbH, 65760 Eschborn, Germany  
ISO Standartprobe Charge 100 416 – 08/04
- Water flowrate: 0,5 l/min.
- Type of membrane filters: Schleicher + Schuell  
Membrane Filters AE 100 + ME29 + ME28
- Numer of tests performed: 6
- Separation degrees of empty amalgam separator:
  - 1. 98,4 %
  - 2. 98,3 %
  - 3. 98,2 %Average: 98,3 %
- Separation degrees of full amalgam separators:
  - 1. 98,3 %
  - 2. 98,3 %
  - 3. 98,2 %Average: 98,3 %
- Value of the efficiency: 98,3 %

The Cattani amalgam separator passed the test.

Essen, 10.12.2004

For the contents:



Dipl. Ing. Hilgers



## Test report No. 2973/04

### about the test of a technical equipment

RWTÜV Systems GmbH  
A Company of the  
TÜV Nord Group  
Langemarckstr. 20  
D-45141 Essen  
Postfach 10 32 61  
D-45032 Essen  
Telefon 02 01/8 25-0  
Telefax 02 01/8 25-25 17  
Registered Office: Essen  
AG Essen, HRB 9976  
Chairman of  
the Supervisory Board:  
Dr. Wilhelm Wick  
Management:  
Volker Klosowski

Sub-Division  
Certification

Department  
Equipment Safety, Medical  
Products

Applicant: Cattani S.p.A.  
Via G. Natta 6/A  
43100 Parma  
Italy

Order No.: 20650042/10

This report contains 2 text pages

Designed: 10.12.2004 by: 

Reviewed: 10.12.2004 by: 

All copyright and joint copyrights with respect to studies, assessments, test results, calculations, presentations, etc., drafted by RWTÜV Systems GmbH shall remain the property of RWTÜV Systems GmbH. RWTÜV Systems GmbH's contractual partner may use assessments, studies, test results, calculations, presentations, etc., drafted within the scope of the contract only for the purpose agreed in the contract or agreement. It is not permissible to pass on to third parties the reports, assessments, test results, calculations, presentations, etc., drawn up by RWTÜV Systems GmbH or to publish them in abridged form, unless the parties to the contract have concluded a written agreement on the passing on, presentation or publication of extracts from them.

**Applicant:** Cattani S.p.A.  
Via G. Natta 6/A  
43100 Parma  
Italy

**Reference/Equipment:** Amalgam-Separator Hydrocyclone ISO 18

**Waterflowrate:** 18l/min

**Date of receipt:** 10.2004

**Type of examination:** Information test

**Test regulations:** EN ISO 11143:1999+A1:2002(D)

**Testing period:** 10.2004 - 11.2004

**Test location:** Technology centre of  
RWTÜV Systems GmbH

**Annex (No. of pages):** 1. Test program (1 page)

**Test result:** The referenced unit is in compliance with the above requirements.

**Test program EN ISO 11143 :1999 + A1:2002 (D)**  
**Dental Equipment-Amalgam Separators**

Test date: 10.2004

Expert: Hlg

Applicant: Cattani S.p.A., Via G. Natta 6/A, 43100 Parma, Italy


Test object: Amalgam Separator ISO Hydrocyclone 18 liters

- Classification: Type 4: Hydrocyclone with sedimentation system
- Amalgam sample: Becker Meßtechnik GmbH, 65760 Eschborn, Germany  
ISO Standartprobe Charge 100 416 – 03/04
- Water flowrate: 18 l/min.
- Type of membrane filters: Schleicher + Schuell  
Membrane Filters AE 100 + ME29 + ME28
- Numer of tests performed: 6
- Separation degrees of empty amalgam separator:
  - 1. 98,4 %
  - 2. 98,3 %
  - 3. 98,3 %Average: 98,3 %
- Separation degrees of full amalgam separators:
  - 1. 97,7 %
  - 2. 98,3 %
  - 3. 98,2 %Average: 98,1 %
- Value of the efficiency: 98,1 %

The Cattani amalgam separator passed the test.

Essen, 10.12.2004

For the contents:



Dipl. Ing. Hilgers