



Test laboratory accredited according
to ISO/IEC 17025 by the
Swiss Accreditation Service SAS



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S SERVIZIO DI PROVA IN SVIZZERA
SWISS TESTING SERVICE STS 355



Test Report Electromagnetic Compatibility

Report number: 11E053_TR1

Date of issue: 2011-11-09

Equipment Under Test (E.U.T.)

| | |
|----------------------------|-----------------------------------|
| Types: | CITREX H4 |
| Device description: | Flow/ Pressure Measurement Device |
| S/N: | BB100001 |

| | |
|-----------------------------|-----------------------------------|
| Manufacturer: | imtmedical ag |
| Applicant: | imtmedical ag |
| Applicant's address: | Gewerbestrasse 8 CH-9470 Buchs |
| Internet: | www.imtmedical.com |

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1. Summary of test results

The E.U.T. has complied with the essential requirements of IEC/ EN 61326-1.

| Emissions test | Limit | pass | fail | Not applicable |
|--------------------------------------------------------|-----------------------|-------------------------------------|--------------------------|-------------------------------------|
| Conducted emission acc. CISPR 11 | Group 1 Class B | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Radiated emission acc. CISPR 11 | Group 1 Class B | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Harmonic current emissions acc. IEC 61000-3-2 | Class A | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Voltage fluctuations and flicker acc. IEC 61000-3-3 | Pst = 1 Plt = 0.65 | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

| Immunity test | Level | pass | fail | Not applicable |
|-----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-------------------------------------|--------------------------|--------------------------|
| Electrostatic discharge immunity test (ESD) acc. IEC 61000-4-2 | 4 kV contact 8 kV air | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Radiated, radio-frequency, electromagnetic field immunity test acc. IEC 61000-4-3 | 10 V/m additional 3 V/m required | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Electrical fast transient/burst immunity test acc. IEC 61000-4-4 | 2 kV Mains | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Surge immunity test acc. IEC 61000-4-5 | 0.5 kV sym. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Immunity to conducted disturbances, induced by radio-frequency fields acc. IEC 61000-4-6 | 3 V _{RMS} | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Power frequency magnetic field immunity test, acc. IEC 61000-4-8 | 30 A/m additional | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Voltage dips, short interruptions and voltage variations immunity test acc. IEC 61000-4-11 | - 100% / 10 ms - 100% / 20 ms - 60% / 200 ms - 30% / 500 ms - 100% / 5000 ms | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

2. Test report approval

Our laboratory is accredited and approved by Swiss Accreditation Services SAS according to ISO/IEC 17025. INTRATest accreditation number: STS 355.

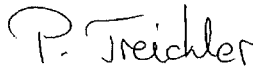
SAS is a signatory of the multilateral agreements of the European co-operation for Accreditation (EA) for calibration, testing, inspection and certification of products, personnel, quality and environmental management systems, of the international Accreditation Forum (IAF) for certification of products, quality and environmental management systems and of the **International Laboratory Accreditation Cooperation (ILAC)** for calibration and testing.

Copies of accreditation certificates of our laboratory obtained from approval agencies can be downloaded from our web site: www.intratest.ch (Zertifizierung)

Head of Testing Laboratory: Mr. E. Forster

Date of testing: 2011-11-02 and 2011-11-03

Gebenstorf, 2011-11-09



P. Treichler
Test-Engineer



E. Forster
Reviewer

Client contact person: Mr. Wachter from IMT AG.

If you have any comments, please feel free to contact us at the following:

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