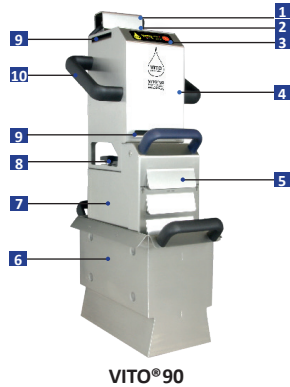


## Contents

<b>1. Product</b> .....	<b>2</b>
1.1 Product description.....	2
1.2 Delivery contents.....	2
<b>2. Legal information</b> .....	<b>2</b>
<b>3. Preface</b> .....	<b>3</b>
<b>4. General notes</b> .....	<b>3</b>
<b>5. Safety information / symbol explanation</b> .....	<b>3</b>
<b>6. VITO® 60 / VITO® 90 usage</b> .....	<b>4</b>
6.1 Designated use.....	4
6.2 Non designated use.....	4
<b>7. Preparation before use</b> .....	<b>4</b>
7.1 Safety guidelines.....	4
7.2 Storage of VITO®.....	4
7.3 Filtration duration.....	4
7.4 Checking the factory settings.....	5
7.5 Programming the cycle time.....	5
7.6 Activate / deactivate the beep and set sound level (VITO® 90 only).....	5
<b>8. Filtration process</b> .....	<b>5</b>
8.1 Requirements.....	5
8.2 Operation notes.....	5
8.3 Starting the filtration process.....	6
8.4 Finishing the filtration process prematurely.....	6
<b>9. Safety functions</b> .....	<b>6</b>
9.1 Tilt and vibration protection (VITO® 90 only).....	6
9.2 Acoustic signal (VITO® 90 only).....	6
9.3 Temperature control.....	6
9.4 Memory.....	6
<b>10. Care and servicing</b> .....	<b>7</b>
10.1 Notes.....	7
10.2 Cleaning preparation.....	7
10.3 Manual cleaning.....	7
10.4 Machine cleaning.....	7
<b>11. Polyester filter change</b> .....	<b>7</b>
<b>12. Accessories</b> .....	<b>8</b>
<b>13. Waste disposal</b> .....	<b>9</b>
13.1 Packaging disposal.....	9
13.2 Filter disposal.....	9
13.3 Device disposal.....	9
13.4 WEEE (Waste Electrical and Electronic Equipment) Statement.....	9
<b>14. Storage recommendations for polyester filters</b> .....	<b>9</b>
<b>15. Troubleshooting</b> .....	<b>10</b>
<b>16. Technical data</b> .....	<b>11</b>
<b>17. Declaration of conformity</b> .....	<b>12</b>



# 1. Product

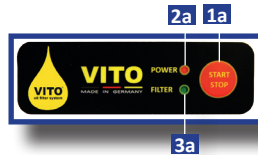


## 1.1 Product description

1. Cable protection
2. Power cord
3. Touch panel
4. Electrical unit
5. Filter box Front vent
6. Drip pan
7. Pump-filter unit
8. Star handles (on both sides )
9. Vent slots
10. Handles
- 1a Start / Stop button
- 2a. Power indicator (red LED)
- 3a. Filtration indicator (green LED)

## 1.2 Delivery contents

- VITO® Filtration system system
- User manual
- Warranty card
- Quick guide
- Drip pan



## 2. Legal information

VITO AG  
Eltastrasse 6  
78532 Tuttlingen (Germany)  
Phone: +49 (0) 7461 / 1508050  
Fax: +49 (0) 7461 / 1508051  
info@vito-industrial.com  
www.vito-industrail.com  
CEO:  
Andreas Schmidt (MBA, Dipl.-Wirt.Ing)  
Headqarter: Tuttlingen, Germany  
Registry court: Stuttgart HRB 760227

In cooperation with:  
University Albstadt-Sigmaringen (Germany)  
- Industrial engineering with business studies -  
Jakobstrasse 1  
72458 Albstadt (Germany)  
Copyright © VITO AG  
All rights reserved  
This document is protected by copyright of VITO AG.  
Any reproduction, in part or as a whole, without the  
written permission of VITO AG is prohibited.

### 3. Preface

Dear VITO® customer,

thank you for choosing this product by VITO AG.

Please read the manual carefully to familiarize yourself with the handling of your VITO® Filtration system for coolant lubricants, oil and watery solutions to ensure proper use. Your local dealer and the customer service are available to answer your questions and provide support.

We are grateful for comments and suggestions concerning the VITO® Filtration system for coolant lubricants, oil and watery solutions and / or the manual. (Please find contact information contained in this manual.) We hope that you enjoy your VITO® Filtration system for coolant lubricants, oil and watery solutions for a long time and increase the efficiency in your establishment. With VITO® you own a high-quality lubricants, oil and watery solutions filter system from which you can expect a long life and efficient support for your work.

### 4. General notes

These operation instructions contain important information about the handling of the VITO® Filtration system for coolant lubricants, oil and watery solutions. Read this information carefully before using your VITO®. Keep this manual available for more information.

VITO® is an coolant lubricants, oils and watery solutions filtration system, designed for the cleaning of coolant lubricants, oil / watery solutions. With VITO®, the coolant lubricants, oils and watery solutions can be cleaned directly in the tank. Filtering with VITO® prolongs the performance of your industrial fluids.

The VITO® polyester filter can be used several times before changing. Once the coolant lubricant, oil and watery solution stops flowing through the front vents, replacing the filter. Used filters should be disposed according to local regulations.

### 5. Safety information / symbol explanation

Wrong treatment of the VITO® can lead to dangers and injuries. The following should be observed. Possible dangers are marked with these signs:



#### Warning

Danger of injury if this is not observed



#### Risk of electric shock

by incorrect use or case opening



#### Danger of slipping

if coolant lubricants oil and watery solutions is spilled to the floor



#### Caution

Important security tip



#### Caution

Hand protection must be worn



#### Caution

Safety goggles must be worn



#### Caution

foot protection must be worn



#### Caution

Protective clothing must be worn



#### Operation instruction

Information about the handling of VITO® Filtration system



## 6. VITO® 60 / VITO® 90 usage

### 6.1 Designated use

- VITO® is designed for cleaning and ventilation of industrial basins.
- Follow the safety instructions! Filtration is only possible for the coolant lubricants ,oil and watery solutions.
- VITO® should only be used by suitably trained staff!
- VITO® Filtration system for coolant lubricants ,oil and watery solutions designed for intermittent duty

### 6.2 Non designated use

The nonobservance of the contents described in the manual can lead to damage or malfunction of VITO®

- Do **NOT** use or store VITO® outside! It will be damaged by rain or humidity!
- VITO® is **NOT** designed for continuous duty! Risk of overheating/fire hazard!
- Do **NOT** cover vent slots (VITO® 60 / VITO® 90 ) (9)!
- Do **NOT** touch the power cord (2) with wet hands!
- Do **NOT** jam or bend the line cord (2)!
- The use of VITO® is **strictly prohibited** for children!
- VITO® must **NOT** be operated on a connection other than protection class!

## No liability will be accepted for improper use!

## 7. Preparation before use

### 7.1 Safety guidelines

- Don't plug the VITO® machine when you get it immediately for the first time wait until VITO® can acclimate
- **IN SOME CASES BEFORE START WORKING WITH VITO® YOU NEED TO TURN OFF THE MACHINE.**
- Clean VITO® before using it the first time. (See chapter 10 Care and servicing)
- Make sure that the local voltage is conform to the voltage on the type label of VITO®!
- **DO NOT MOVE VITO® WHILE FILTRATION IS IN PROGRESS!**
- Do **NOT** get the power cord in contact with coolant lubricants oil and watery solutions! (2)
- The maximum operating temperature is 175°C/357°F!
- Do **NOT** run the pump-filter unit (9) outside basins or machine tanks!
- To lift or transport VITO® only pick it up using the black handles (10)!

### 7.2 Storage of VITO®

The handles of the drip pan (6) can be fastened optionally at the short or the long side.

- Place VITO® always into the drip pan (6), after use or for transport
- Store VITO® only in the drip pan (6)
- Allowed ambient / storage temperature: +10 to +35°C (60° to 95°F)

### 7.3 Filtration duration

The factory settings for one filtration cycle of VITO® is:

- **VITO® 60:** 4,5 min (adjustable)
- **VITO® 90:** 4,5 min (adjustable)

Upon reaching the maximum number of cycles, VITO® must cool down before using for the next filtration.

#### Cool down phases

- up to 2 hours:
  - **VITO® 60** and **VITO® 90** (if power cord (8) is pulled out)
- approximately 15 min
  - **VITO® 60** and **VITO® 90** (if power cord (8) is plugged in)

If the temperature of VITO® is too high, the overheat protection will activate.

(VITO® 90 has additional acoustic beep signal)

- Power Indicator (red LED) (2a) "Power" is flashing.
- The filtration process will stop.

## 7.4 Checking the factory settings

Pressing the start/stop button (1a) will be confirmed by one flash of the Power indicator (red LED) (2a)

1. Press and hold the start/stop button (1a)
2. Plug VITO® in.
3. Hold the start/stop button (1a) for 5 seconds. (VITO® 90 will beep)
4. Programmed cycle time is displayed by flashing of the indicators
5. The red LED (2a) indicates 1 minute per flash

The green LED (3a) indicates 30 seconds per flash

- e.g. 4x red = 4 min  
 1x green = 30 seconds  
 = duration of filter cycle: 4min 30sec.

## 7.5 Programming the cycle time

To re-program the cycle time, start with the steps in 7.4 checking the factory settings, then:

1. Press start/stop button (1a) instantly after cycle length was displayed
2. Press start/stop button (1a) to increase the cycle time by 30 sec.  
 (Re-program starts at 0 sec!)  
 (e.g. press 3x for 1,5min etc.)
3. Once the designated cycle time is set, wait for the green LED (3a) to flash once ( VITO® 90 beeps).
4. Pull out the power cord (8).

**The new cycle time is now saved.**

## 7.6 Activate / deactivate the beep and set sound level (VITO® 90 only)

To set the sound level of the beep, start with the steps in 7.4 checking the factory settings, then:

1. After the cycle time is displayed wait for the green LED (3a) to flash (VITO® 90 will beep additionally)
2. Set the beeper status using the start/stop button (1a)
3. The indicators show the selected status:Red  
 LED (2a) = beeper off  
 Green LED (3a) = half volume  
 Red LED + green LED = full volume (2a) + (3a)  
 Pull out the power cord (2).

**The new settings are now saved.**

## 8. Filtration process

### 8.1 Requirements

VITO® 60 / 90

- Insert polyester fibre filter into the pump-filter unit (7) (See chapter 11 Polyester filter change)
- Latch filter-lid
- Put Electrical unit (6) on pump-filter unit (7)
- Tighten the star handles (8).

### 8.2 Operation notes

**• IN SOME CASES BEFORE START WORKING WITH VITO® YOU NEED TO TURN OFF THE MACHINE.**

- Filtration cycle can be stopped at any time by pressing Start/Stop button (1a).
- Do **NOT** move VITO® while filtration is in progress!
- Only use VITO® in a straight position!
- The Power indicator (red LED) (2a) and Filtration indicator (green LED) (3a) are lit during filtration process.

### 8.3 Starting the filtration process

1. Take VITO® out of the drip pan (6)
2. Make sure that the polyester filter is in the pump filter unit (7)
3. Put VITO® into the industrial basin or machine tank .
4. Ensure a secure standing (for holding brackets see chapter 12 Accessories)
5. Check the coolant lubricant oil level or watery solutions level (The coolant lubricant oil level or watery solutions level must be between the MIN and MAX marking of the pump-filter unit (7)!) Plug in VITO®:  
Power indicator (red LED) (2a) is active  
Cooling fan is running (VITO® 60 / VITO® 90)
7. Press start/stop button (1a)
8. Filtration indicator (green LED) (3a) is lit during the filtration.

### 8.4 Finish the process prematurely

1. Press start/stop button (1a)  
Filtration indicator (green LED) (3a) is off
2. Keep power cord (2) VITO® 60 / VITO® 90 plugged in!
3. Lift VITO®, let the coolant lubricant, oil or watery solution flow back in the industrial basin
4. Place VITO® in the drip pan (4)

## 9. Safety functions

### 9.1 Tilt and vibration protection (VITO® 90 only)

If VITO® 90 is tilted more than 15°, topples over or vibrates too strong because of bad placement or mechanical defect, the machine will switch off. Both indicators start flashing and a repeating beep will be heard.

### 9.2 Acoustic signal (VITO® 90 only)

At the end of each cycle VITO® 90 beeps for 5 seconds. VITO® 90 will also beep if any error occurs.

### 9.3 Temperature control

If the temperature of the electrics is exceeded, VITO® stops the filtration.

The power indicator (red LED) (2a) starts to flash and VITO® 90 starts to beep continuous.

VITO® must be taken out of the tank to confirm the error by pressing the start/stop button (1a)

The power indicator (red LED) (2a) will continue to flash until VITO® is cooled down.

Leave VITO® 60 & VITO® 90 plugged in. VITO® is operational again after approx. 15 min.

It takes up to 2.5 hours if VITO® is unplugged.

If VITO® takes too long to cool down after a temperature based shutdown. VITO® 90 will continue to beep every 40 seconds. Take VITO® to a cool place and plug it back in to allow the cooling fan to work.

Do **NOT** put VITO® into a cold-storage room! Condensation can destroy the electrics.

### 9.4 Memory

VITO® records the operating times and usage values. These values can be readout using the VITO® Data Reader.

(see chapter 12 Accessories)

## 10. Care and servicing

### 10.1 Notes

- Clean pump-filter unit (7) at every polyester filter change
- Clean VITO® only if cooled down
- Do **NOT** use abrasives
- Do **NOT** use wire brushes or similar tools

### 10.2 Cleaning preparation

1. Make sure VITO® is cooled down
2. Unfasten star handles (8) on both sides
3. Remove electrical unit (4) from pump-filter unit (7)
4. Open pump-filter unit (7)
5. Dispose polyester, cellulose fibre filter
6. Manual or machine cleaning

### 10.3 Manual cleaning

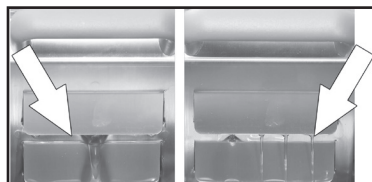
1. Clean electrical unit (4) only with damp cloth!
2. **DON'T** put VITO® under running water! This can destroy the electronics!
3. Clean the pump-filter unit (7) with system cleaner or water.
4. Dry VITO® with a towel.

### 10.4 Machine cleaning

1. Clean electrical unit (4) only with a damp cloth! Do **NOT** put the electrical unit (4) into a dishwasher! This will destroy the electrics

## 11. Polyester filter change

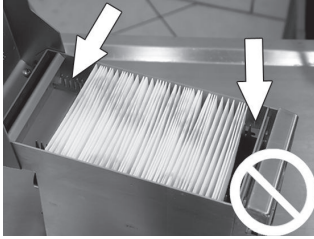
Change the polyester filter only if necessary. The time of change is based on usage of VITO® and the degree of pollution of coolant lubricant, oil or watery solution.



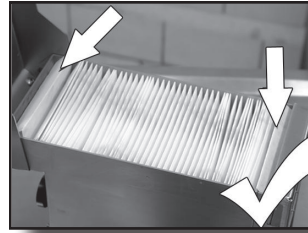
Normal flow

Low flow

Pay attention to the cleaning efficiency and the spill of coolant lubricant, oil or watery solution coming out of the pump-filter unit. (9)  
Change the polyester fibre filter only at a low filtration performance.



Do not leave gaps between the filter and the edges of the pump-filter (9) unit



Overlap the last fold on both sides (9) of the pump-filter unit

## 12. Accessories

Additional accessories for your VITO® are available:



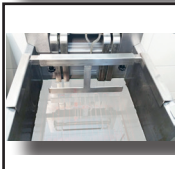
### Spare filters for VITO®

bundle size: 1 box (50 pcs.)  
 filter area: VITO® 60/90: 0.26 m<sup>2</sup> (2.77 ft<sup>2</sup>)  
 material: polyester, cellulose fibre filter  
 mesh size: nom.20 µm / eff. 5 µm



### Holding Brackets

Keep VITO® in secure standing  
 Customisable for all industrial tank  
 Reduce vibration



### Clip on Frame

Attach VITO® directly in the tank  
 Customisable for all industrial tank



### Data Reader

Readout the usage information of VITO®  
 Check the use of VITO® according to HACCP

If you need anything else?

Contact us for other solutions. Our customer support will gladly assist you with all questions.





## 13. Waste disposal

### 13.1 Packaging disposal

- The packaging should be recycled
- or
- Keep the packaging carefully

### 13.2 Filter disposal

- Used filters must be disposed in the country-specific way

### 13.3 Device disposal

If VITO® reaches the end of life it must be disposed accordingly. This disposal is handled by VITO AG as defined by law.

Send VITO® to:

#### VITO AG

Eltastrasse 6

78532 Tuttlingen (Germany)

For further questions please contact your local dealer or the VITO AG customer support

### 13.4 WEEE (Waste Electrical and Electronic Equipment) Statement

To protect the global environment and as an environmentalist, VITO AG must remind you that: Under the

European Union ("EU") Directive on Waste Electrical and Electronic Equipment, Directive 2012/19/EU, which

takes effect on February 14, 2014, products of "electrical and electronic equipment" cannot be discarded as

municipal waste anymore and manufacturers of covered electronic equipment will be obligated to take back

such products at the end of their useful life. VITO AG will comply with the product take back requirements at

the end of life of VITO®-branded products that are sold into the EU. You can return these products to local collection points.

## 14. Storage recommendations for polyester filters

During storage do not expose the polyester filters to extreme temperature or humidity, for example near a heat source, air conditioning or direct sunlight. Heat and cold have a negative effect on the properties of the polyester fibre filter, especially after removing or opening the bag packaging.

The polyester fibre filter must not be exposed to frost, as this can cause damage to the micro-structure of the polyester fibre filter, which impairs the functionality of the polyester filter.

- Store dry at 60-65% relative humidity
- Room temperature 24°C ± 5°C (78°F ± 40°F)
- Do **NOT** put weight on pallets
- Avoid sudden temperature changes
- Store in the cardboard packaging in sealed bag
- Maximum height of the filter stack 185cm (6 ft)

**Under observance of the above conditions, the storage period will be 3 years.**



## 15. Troubleshooting

Malfunction	Possible cause	Remedial action
Power indicator (2a) stays inactive	<ul style="list-style-type: none"> <li>• Power cord (2) not plugged in</li> <li>• Connector is defective</li> </ul>	<ul style="list-style-type: none"> <li>• Plug in VITO®</li> <li>• Please contact service</li> </ul>
VITO® makes loud noises at filtration	<ul style="list-style-type: none"> <li>• Star handles (8) are too loose</li> <li>• Rotor scratches on the tank</li> <li>• Rotor defective</li> </ul>	<ul style="list-style-type: none"> <li>• Tighten star handles (5)</li> <li>• Alter position of VITO® in the tank</li> <li>• Please contact service</li> </ul>
(1) Power indicator flashes and/or acoustic indicator is beeping	<ul style="list-style-type: none"> <li>• overheating protection is activated</li> </ul>	<ul style="list-style-type: none"> <li>• let the device cool down</li> </ul>
(1) Power indicator and filtration indicator 90° flashing (VITO (2) beeps additionally)	<ul style="list-style-type: none"> <li>• VITO® is tilted more than °15</li> <li>• Strong vibrations</li> <li>• defective turning part</li> </ul>	<ul style="list-style-type: none"> <li>• Check position of VITO®</li> <li>• Check position of VITO®</li> </ul>
VITO® cannot be started	<ul style="list-style-type: none"> <li>• Electrical unit (6) defective</li> </ul>	<ul style="list-style-type: none"> <li>• Please contact service</li> </ul>
Line fuse / Ground fault circuit interrupter (GFCI) blowout	<ul style="list-style-type: none"> <li>• Net protection or other electronic components are blocking</li> <li>• Rotor defective</li> <li>• Circuit overloaded</li> </ul>	<ul style="list-style-type: none"> <li>• Change power outlet, elec. circuit</li> <li>• Please contact service</li> <li>• Change power outlet, elec. circuit</li> </ul>
Low filtration performance	<ul style="list-style-type: none"> <li>• Polyester filter is full</li> <li>• Pump pipe is blocked</li> <li>• Motor is defective</li> </ul>	<ul style="list-style-type: none"> <li>• Change filter</li> <li>• Empty pump-filter unit (9)</li> <li>• Please contact service</li> </ul>
Coolant lubricant, oil or watery solution splashes at sides / on top	<ul style="list-style-type: none"> <li>• Polyester filter blocked</li> <li>• Too much space between filter lid and pump filter unit (9)</li> <li>• Filter is inserted incorrectly</li> </ul>	<ul style="list-style-type: none"> <li>• Change filter / clean unit</li> <li>• Adjust filter sealing sheet</li> <li>• Insert filter correctly</li> <li>• Please contact service</li> </ul>
sec. after 10 LEDs flash plugging in	<ul style="list-style-type: none"> <li>• Start/stop button (3) is defective</li> </ul>	<ul style="list-style-type: none"> <li>• Please contact service</li> </ul>

Should other issues appear, get in contact with the customer support or your local dealer!

Contact details on page 2 chapter Legal information.

## 16. Technical data

	VITO® 60	VITO® 90
<b>Nominal voltage according to country, see type sign</b>	220 to 240 V ~ %10± 60 to 60Hz 100 to 120 V ~ %10± 60 to 60Hz	220 to 240 V ~ %10± 60 to 60Hz 100 to 120 V ~ %10± 60 to 60Hz
<b>Nominal current under load</b>	Approx 1,2 A at 230 V Approx 2,4 A at 115 V	Approx 2,0 A at 230 V Approx 4,0 A at 115 V
<b>Max.power / Nomial power</b>	300 W / 276 W	500 W / 460 W
<b>Noise level</b>	85db >	85db >
<b>User control</b>	(1a) start/stop button	
<b>Temperatures in use</b>	Electrical unit (4) up to max. 75°C (167°F) pump-filter unit (7) up to max. 200°C/392°F (short time) pump-filter unit (7) up to max. 190°C/356°F (permanent) (recommended frying temperature max. 175°C/347°F)	
<b>Storage temperatures</b>	10°C/60°F to max. 30°C/86°F (At higher temperature less cycles)	
<b>Dimensions (W x H x L) (without handles) (7)</b>	116 x 400 x 191 mm 4.6 x 15.8 x 7.5 in	116 x 485 x 185 mm 4.6 x 19.3 x 7.3 in
<b>(with handles) (7)</b>	195 x 400 x 205 mm 7.7 x 15.8 x 8.1 in	210 x 485 x 200 mm 8.3 x 19.3 x 7.8 in
<b>With drip pan (4)</b>	195 x 425 x 325 mm 7.7 x 16.8 x 12.6 in	210 x 550 x 324 mm 8.3 x 21.6 x 12.8 in
<b>Weight</b>	VITO® : 7,4 kg (16.2 lbs) Drip pan: 1,3 kg (2 lbs)	VITO® : 9,7 kg (21.4 lbs) Drip pan: 1,6 kg (3.5 lbs)
<b>Acoustic signal</b>	no	yes
<b>dirt hold capacity</b>	1.4L (3.08 lbs)	2,5 L (5.5 lbs)
<b>Application</b>	up to 500L tanks	all tanks
<b>Filter</b>	ca. folds: 43 Material: polyester cellulose fibre	ca. folds: 43 Material: polyester cellulose fibre
<b>Operation</b>	Intermittent operation	



## 17. Declaration of conformity

Issued by VITO AG | Eltastrasse 6 78532 Tuttlingen (Germany) | Phone:+49 (0) 7461 / 1508050  
 Fax : +49 (0) 7461 / 1508051 | Email: info@vito-industrial.com - www.vitoindustrial.com  
 for the products VITO®60, VITO®90 EU Patent No. 1326692 U.S. Patent No. US7.052.605.B2

The professional of filtration equipment is manufactured and tested according to the following standards:

**For the purposes of the EU directives :**

- 2006/42/EG Machinery Directive
- 2014/30/EU Electromagnetic Compatibility
- 2014/35/EU Low Voltage Directive
- 2011/65/EU Restriction of use of certain hazardous substances in electrical and electronic equipment
- 2003/10 / EC minimum requirements to protect the safety and health of workers
- 2012/19 EU Waste Electrical and Electronic Equipment

The risks from physical effects of (noise) ,the filtration devices VITO® 30, VITO® 60, VITO® 90 meet the relevant community harmonization legislation of the european union.

- EN 61000-6-1: 2007 Immunity
- EN 61000-6-2: 2005 Immunity
- EN 61000-6-3: 2007 + A1: 2011 Emission
- EN 61000-6-4: 2007 + A1: 2011 Emission

**with German, European and International (Non-European) standards**

German Standard DIN EN		European Standard EN		(International Standard IEC (IEC/CISPR
DIN EN 61000-6-1:2007-10	based on	EN 61000-6-1:2007	based on	IEC 61000-6-1:2005
DIN EN 61000-6-2:2006-03	based on	EN 61000-6-2:2005	based on	IEC 61000-6-2:2005
DIN EN 61000-6-3:2011-09	based on	EN 61000-6-3:2011-09	based on	IEC 61000-6-3:2006 + A1:2010
DIN EN 61000-6-4:2011-09	based on	EN 61000-6-4:2011-09	based on	IEC 61000-6-4:2006 + A1:2010
DIN EN 61000-3-2:2010-03	based on	EN 61000-3-2:2010-03	based on	IEC 61000-3-2:2005 + A1:2008 + A2:2009
DIN EN 61000-3-3:2014-03	based on	EN 61000-3-3:2014-03	based on	IEC 61000-3-2:2005 + A1:2008 + A2:2009
DIN EN 60335-1:2014-11	based on	EN 60335-1:2014-11	based on	IEC 60335-1:2010
DIN EN 12100:2011-03	based on	EN 12100:2011-03	based on	ISO 12100:2011-03
DIN EN 60204-1/A1	based on	EN 60204-1/A1	based on	IEC 60204-1:2005+AMD1:2008 CSV
DIN EN 56014-1:2012-05	based on	EN 56014-1:2012-05	based on	CISPR 14-1:2005 + A1:2008 + Cor. :2009 + A2:2011
DIN EN 56014-2:2016-01	based on	EN 56014-2:2016-01	based on	CISPR 14-2:2015
-	-	EG) Nr. 2023/2006)	-	-
-	-	EG) Nr. 1935/2004)	-	-

**Tuttlingen, December 08, 2014**

**Andreas Schmidt**  
 CEO  
 VITO AG