

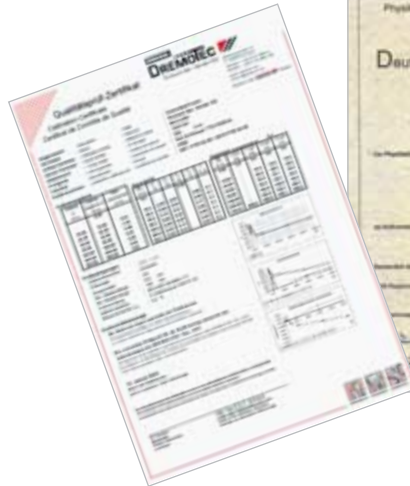


## Certified precision:

### The national standard is the benchmark

RAHSOL DREMOTEC torque tools fulfil the highest standards. This is guaranteed by particularly stringent quality criteria in production and in calibration. All torque screwdrivers, torque wrenches and torque testers are delivered with a RAHSOL DREMOTEC test certificate which is in accordance with the applicable DIN EN ISO standard – traceable to national standards. The serial number on the product and on the certificate guarantees unambiguous product identification. On request and for an additional charge, RAHSOL DREMOTEC will also provide the service of top-grade calibration – directly traceable to national standards – with a DKD calibration certificate. As an internationally leading torque specialist, RAHSOL DREMOTEC provides a wide-ranging quality product line which covers virtually all requirements in industry and the skilled trades:

- Torque screwdrivers
- Torque wrenches (mech./electr.)
- Torque multipliers (mech./pneum.)
- Torque testers (mech./electr.)
- Calibration and test devices



In addition, RAHSOL DREMOTEC provides customised individual solutions to specific problems - developed and manufactured in accordance with the specifications of the customer. All RAHSOL DREMOTEC torque tools and torque testers include a test certificate conforming to standards as documentary evidence of top precision and safety.

另外, RAHSOL DREMOTEC 可根据具体情况提供单独的特殊解决方案,按照客户的要求设计和制造。  
所有的 RAHSOL DREMOTEC 扭力工具和扭力测试仪都具有标准测试证书,为最高精度和安全性能提供文件证明。



**1/4 - 1/2**  
1-3.000 N-m

**1/4 - 1"**  
6-2.000 N-m

**1/2**  
20-300 N-m

**Z**  
16 22 28  
8-1.000 N-m

**SE**  
9x12 14x18  
8-400 N-m

The integrated lever chain reduces the strain on the measuring mechanics to a minimum which means that the measuring mechanics can thus be constructed with much greater sensitivity.

**Advantage:** High accuracy and a long life cycle.

All DREMOMETER models include a test certificate in accordance with DIN EN ISO 6789.

**Advantage:** Guaranteed accuracy +/-3 % of the adjusted scale value.

整体调节链将测量器械上的张力减少到最低,从而使测量器械使用起来更加灵敏。

优点: 精确度高, 经久耐用

所有的 RAHSOL DREMOTEC 型号都具备符合 DIN EN ISO 6789 标准的测试证书。

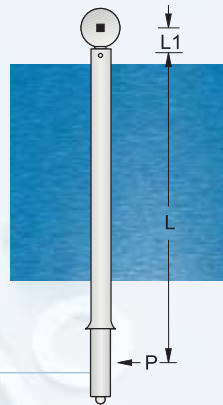
优点: +/-3% 精度保证

In **conventional torque wrenches** having a projecting ratchet head (left), the pivot point lies outside of the output square drive. This gives rise to a double lever (L+L1).

**Disadvantage:** The force of the hand (P) must be applied exactly in the middle of the handgrip. Any other pressure point will lead to shifts in value.

普通的扭力扳手有一个突出的棘轮头(见左图), 枢轴点位于四方传动输出的外部, 形成双臂距 (L+L1)。

缺点: 手部施力必须集中在手柄的正中间, 任何其它受力点都会引起数值的变化。

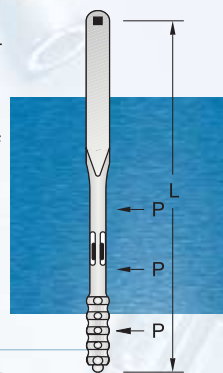


By contrast, in the case of the **DREMOMETER**, the pivot point is situated exactly at the centre of the square drive. This gives rise to a single lever (L).

**Advantage:** The force of the hand (P) can be applied to any arbitrary point of the wrench. Accuracy is not impaired.

经比较, DREMOMETER 扭力扳手的枢轴点位于四方传动柄的正中央, 形成单臂距 (L)。

优点: 手部施力(P)可以位于扳手上的任何地方, 而不会影响精确度。



8564-01

8571-01

8563-10

8562-10

8573-00

753-01



**754 RATCHET HEADS DREMOMETER**

Code 编号	No. 型号	Drive 传动	Typ 类型	°
7680490	754-00	1/4 - 1/4	MINI, AM	18
7680570	754-01	1/4 - 1/2	A	20
7680650	754-02	1/2 - 1/2	B, BC, C	10
7680730	754-04	1/2 - 3/4	CD, DS, D, DR, DX	10
7680810	754-06	1 - 1	E	10
7686770	754-11	1/2 - 1/2	A	20
7686850	754-12	1/2 - 1/2	B, BC, C	10
7686930	754-14	1/2 - 3/4	CD, DS, D, DR, DX	10
7687150	754-16	1 - 1	E	10

**DREMOMETER**

Code 编号	No. 型号	Drive 传动	Typ 类型	N-m
7680060	753-01	1/4	MINI	1-12
7775440	8554-01	1/4	AM	6-30
7682000	8560-01	1/2	A	8-40
7683320	8561-01	3/4	B	20-120
7685530	8573-00	1/2	BC	40-200
7685450	8562-10	1/2	C	50-300
7691500	8563-10	3/4	D	140-760
7670180	8563-01*	3/4	DR	140-760
7670500	8568-01*	3/4	DRL	140-760
7694010	8571-01*	3/4	DX	520-1000
7695250	8564-01*	1	E	750-2000
7717160	8572-01*	1 1/2	F	1500-3000

\* with extension tube 带加长管





**K**  
1/4 - 3/4  
1-750 N·m

**UK**  
1/2  
20-300 N·m

**Z**  
16 22  
2-750 N·m

**SE**  
9x12 14x18  
2-400 N·m

**TORCOFLEX**  
3/8 - 1/2  
8-300 N·m

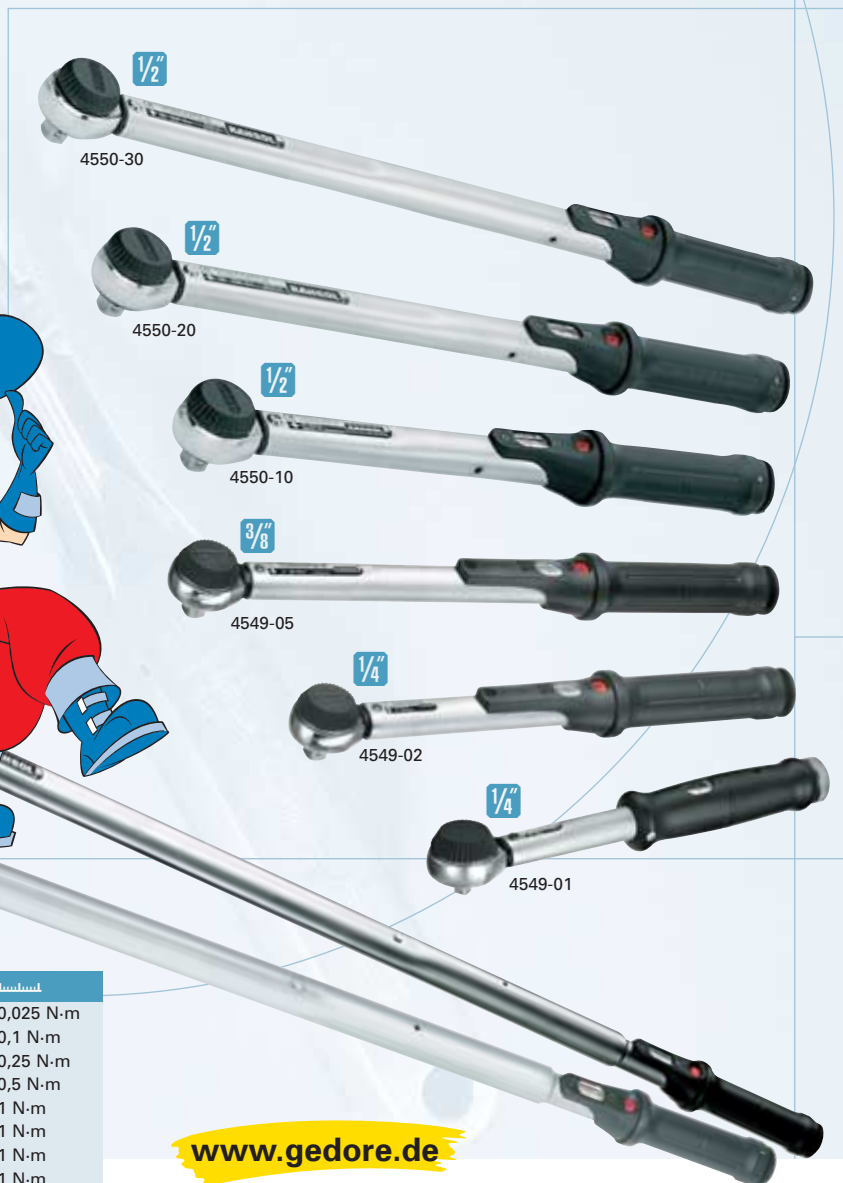


**3550 TORCOFLEX K**

Code 编号	No. 型号	Drive 传动	Typ 类型	N·m
1477978	3550-07	1/2	K	8-70
1379534	3550-10	1/2	K	10-100
1379526	3550-20	1/2	K	20-200
1379518	3550-30	1/2	K	60-300

**TORCOFIX K with reversible ratchet**  
Easy-to-read double scale N·m/lbf·ft protected by a window with magnifying-glass effect. Micrometer scale on handgrip with N·m-graduation (1 N·m resp. 0.025 N·m) allows for a precise setting of the torque value.

**TORCOFIX K 带双向棘轮**  
易读双刻度盘 N·m/lbf·ft, 带有放大镜效果的玻璃盖  
手柄上有 N·m 分度值的微米刻度表 (1 N·m 及 0.025 N·m), 可设置精确的扭矩值。



3/4  
4550-75

3/4  
4550-55

1/2  
4550-30

1/2  
4550-20

1/2  
4550-10

3/8  
4549-05

1/4  
4549-02

1/4  
4549-01

**TORCOFIX K**

Code 编号	No. 型号	Drive 传动	N·m	lbf·ft	l (mm)	سلسلا
1545124	4549-01	1/4	1-5	0,75-3,7	220	0,025 N·m
1545132	4549-02	1/4	2-25	1,5-18	285	0,1 N·m
1545140	4549-05	3/8	5-50	4-37	335	0,25 N·m
7601530	4550-10	1/2	10-100	8-75	395	0,5 N·m
7601610	4550-20	1/2	20-200	15-150	485	1 N·m
7601880	4550-30	1/2	60-300	45-220	575	1 N·m
7674330	4550-40	1/2	75-400	55-300	665	1 N·m
7674760	4550-55	3/4	100-550	75-405	960	1 N·m
1521365	4550-75	3/4	140-750	105-550	1240	1 N·m



**8624 E-TP ELECTRONIC TORSION TORQUE TESTER**  
0,5-1000 N·m

**Use:**

- ▶ For testing, verifying and calibrating clockwise and anti-clockwise torque wrenches in the range of 0,5–1.000 N·m
- ▶ vertical and horizontal testing complying with DIN EN ISO 6789

**Scope of delivery:**

- ▶ Electronic torque tester E-TP (B, PC or HL)
- ▶ Power supply unit with plug and EURO-adaptor (UK, US, AUS-adaptor on request)
- ▶ Adaptor, model-dependent
- ▶ Operating instructions (DE/GB) with detailed remarks on handling
- ▶ Test certificate (traceable to national norms)
- ▶ The standard packaging is an extremely sturdy plastic box and also ideal for mail-consignment

**8624 E-TP 电动扭力测试仪**

0.5-1000 N·m

**应用:**

- ▶ 用来测试、验证和校准扭力范围在 0.5-1000 N·m 的正转和反转的扭力扳手
- ▶ 可用于垂直和水平测试，符合DIN EN ISO 6789标准

**内容包括:**

- ▶ 电动扭力测试仪E-TP (B, PC 或 HL)
- ▶ 带插头和欧标转换器的电源装置 (可根据需要提供英式、美式和澳大利亚式转换器)
- ▶ 适配器，仅适用于该型号
- ▶ 使用说明书(DE/GB)，有详细操作标识
- ▶ 测试证书(国家通用标准)
- ▶ 标准的坚固塑料包装盒，亦适用于邮寄

Code 编号	No. 型号		N·m	Housing 机架	Operating display 操作显示	Display-fixt. incl. cable 显示固定(含传输线)	Software 软件 incl. cable (含传输线)	Resolution 分辨率	Adaptor 适配器	
1702327	8624-B01	☑	0,5-15	8624-001	yes 有	yes 有		0,001 N·m		4,6
1573209	8624-B10	☑	4-100	8624-010	yes 有	yes 有		0,01 N·m	☑, ☑ <sub>1/2</sub>	9,8
1573195	8624-B50	☑	20-500	8624-050	yes 有	yes 有		0,10 N·m	☑, ☑ <sub>1/2</sub>	10,1
1573187	8624-B100	☑	50-1000	8624-100	yes 有	yes 有		0,10 N·m	☑, ☑ <sub>1/2</sub>	10,1
1702335	8624-PC01	☑	0,5-15	8624-001			yes 有	0,001 N·m		4,0
1573217	8624-PC10	☑	4-100	8624-010			yes 有	0,01 N·m	☑, ☑ <sub>1/2</sub>	9,2
1573233	8624-PC50	☑	20-500	8624-050			yes 有	0,10 N·m	☑, ☑ <sub>1/2</sub>	9,5
1573241	8624-PC100	☑	50-1000	8624-100			yes 有	0,10 N·m	☑, ☑ <sub>1/2</sub>	9,5
1702343	8624-HL01	☑	0,5-15	8624-001	yes 有	yes 有	yes 有	0,001 N·m		4,8
1573136	8624-HL10	☑	4-100	8624-010	yes 有	yes 有	yes 有	0,01 N·m	☑, ☑ <sub>1/2</sub>	10,0
1573144	8624-HL50	☑	20-500	8624-050	yes 有	yes 有	yes 有	0,10 N·m	☑, ☑ <sub>1/2</sub>	10,2
1573152	8624-HL100	☑	50-1000	8624-100	yes 有	yes 有	yes 有	0,10 N·m	☑, ☑ <sub>1/2</sub>	10,2





### 8450-8454 TORCOTRONIC

**Use:**

- For everyday requirements in installation and torque control
- For use in all areas of manufacturing and development

**Features:**

- Adjustable microprocessor-controlled electronic torque wrench with CE symbol
- For controlled bi-directional tightening
- In accordance with DIN EN ISO 6789, traceable to national norms
- Robust workshop design
- Broad measurement range in N·m, can be switched to lbf·ft
- High measurement accuracy: +/- 1% tolerance for all read-off values, +/- 1 digit

**Scope of delivery:**

- TORCOTRONIC electronic torque wrench
- Operating instructions
- Test certificate as per DIN EN ISO 6789
- Delivered in solid black plastic box

### 8450-8454 TORCOTRONIC

**应用:**

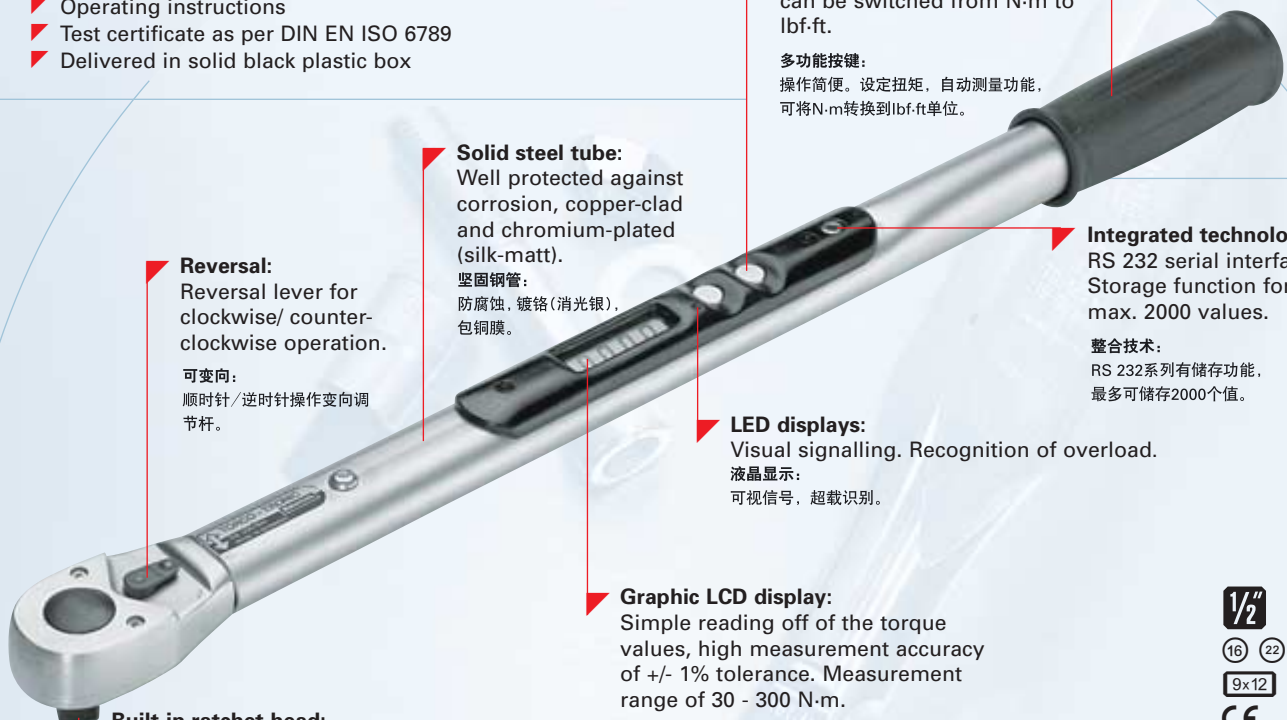
- 用于日常安装和扭力控制
- 适用于制造开发业所有领域

**特征:**

- 可调式微处理器控制的电动扳手, 带有CE标记
- 用于可控制的双向紧固
- 符合DIN EN ISO 6789标准, 国家通用标准
- 坚固的车间设计
- 测量范围广, 可将 N·m 转换到 lbf·ft 单位
- 测量精度高: 允许 +/- 1% 读取公差, +/- 1 位数

**内容包括:**

- TORCOTRONIC 电动扭力扳手
- 使用说明书
- 符合 DIN EN ISO 6789 标准的测试证书
- 坚固黑色塑料盒包装



**Reversal:**

Reversal lever for clockwise/ counter-clockwise operation.

可变向:  
顺时针/逆时针操作变向调节杆。

**Solid steel tube:**

Well protected against corrosion, copper-clad and chromium-plated (silk-matt).

坚固钢管:  
防腐蚀, 镀铬(消光银), 包铜膜。

**Multifunction keys:**

Easy-to-operate. Set torque, automatic calibration function, can be switched from N·m to lbf·ft.

多功能按键:  
操作简便, 设定扭矩, 自动测量功能, 可将 N·m 转换到 lbf·ft 单位。

**Battery compartment:**  
Ergonomic handgrip with integrated battery compartment.

电池盒:  
带电池盒的人体工学设计手柄。

**Integrated technology:**

RS 232 serial interface Storage function for storing max. 2000 values.

整合技术:  
RS 232 系列有储存功能, 最多可储存 2000 个值。

**LED displays:**

Visual signalling. Recognition of overload.

液晶显示:  
可视信号, 超载识别。

**Graphic LCD display:**

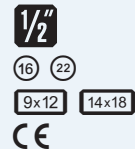
Simple reading off of the torque values, high measurement accuracy of +/- 1% tolerance. Measurement range of 30 - 300 N·m.

图像液晶显示屏:  
轻松读取扭力值, 精密度高, 允许 +/- 1% 的公差。测量范围 30 - 300 N·m。

**Built-in ratchet head:**

All square drive models of the TORCOTRONIC series have a built-in ratchet head with a switching function (UK) and a push button.

内嵌式棘轮头:  
所有四方传动型 TORCOTRONIC 系列都有一个带转换功能 (UK) 和按键的内嵌式棘轮头。



2个多功能按键让您的操作极其简单!

Extremely simple to operate on account of the 2 multifunction keys



Code 编号	No. 型号	Drive 传动	Memory 记忆功能	Earphone 耳机	RS 232	N·m	lbf·ft	□ mm □	□ mm □
7726070	8450-030	1/2	-	-	-	30-300	22-220	575	1,4
7669250	8450-130	1/2	yes 有	-	yes 有	30-300	22-220	575	1,4
7669330	8450-230	1/2	-	yes 有	-	30-300	22-220	575	1,4
7669410	8450-330	1/2	yes 有	yes 有	yes 有	30-300	22-220	575	1,4
1400339	8451-030	16	-	-	-	30-300	22-220	565	1,3
1400347	8452-030	22	-	-	-	30-300	22-220	570	1,4
1400355	8453-030	9x12	-	-	-	30-300	22-220	565	1,3
1400363	8454-030	14x18	-	-	-	30-300	22-220	570	1,4



**8441-8444 E-TORC / E-TORC A**

**Use:**

- ▶ For very high standards of torque control and documentation
- ▶ In quality control and in the test laboratory
- ▶ Alternate-Tool for screwing workstations / remachining workstations
- ▶ For use in all areas of industrial manufacturing

**Features:**

- ▶ Visual, acoustic and sensorial signal when the set torque is achieved

**Scope of delivery:**

- ▶ Electronic torque wrench E-TORC or E-TORC A
- ▶ Operating instructions
- ▶ Test certificate as per DIN EN ISO 6789
- ▶ Delivered in a robust sheet-metal case with practical accessory module inlays



Code 编号	No. 型号	Drive 传动	N-m	lbf-ft	l (mm)	重量
1653075	8441-010	Ⓢ	10-150	8-110	470	1,4
1653105	8441-010A	Ⓢ	10-150	8-110	470	2,7
1545248	8441-030	Ⓢ	30-300	22-220	555	1,5
1545256	8441-030A	Ⓢ	30-300	22-220	555	2,8
1653091	8443-010	9x12	10-150	8-110	470	1,4
1653113	8443-010A	9x12	10-150	8-110	470	2,7
1605860	8444-030	14x18	30-300	22-220	555	1,5
1643029	8444-030A	14x18	30-300	22-220	555	2,8

**8441-8444 E-TORC / E-TORC A**

**应用:**

- ▶ 超高标准扭力控制和记录
- ▶ 质量控制和测试实验室
- ▶ 紧固和再加工车间的替换工具
- ▶ 适用于工业制造的所有领域

**特征:**

- ▶ 达到预设扭力时, 会有视觉、听觉和触觉信号

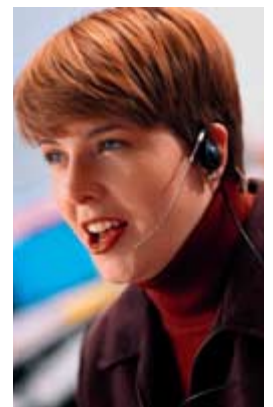
**内容包括:**

- ▶ 电动扭力扳手 E-TORC 或 E-TORC A
- ▶ 使用说明书
- ▶ 符合 DIN EN ISO 6789 标准的测试证书
- ▶ 硬质铁板箱包装, 内附带实用附件模块盒

## Our service – qualified and customised

Regular maintenance and testing of your torque tools ensure maximum precision and reliability. For this purpose, RAHSOL DREMOTEC's comprehensive service offering provides you with professional support and assistance tailored to your needs:

- Our reasonably-priced factory calibration service for RAHSOL DREMOTEC products as well as our proprietary accredited DKD calibration laboratory create certificates in accordance with the applicable standards and requirements as per DIN EN ISO 9000 ff.
- Hotline: ++49 (0) 1804 - 37 36 68 (0,245 per call for callers from Germany land line connections)
- Make use of our qualified advice to solve your technical problems, via telephone or on-site during work. We will willingly assist you in making your choice of the optimum tool – from standard solutions up to and including the customised manufacture for specific uses. Product training courses and presentations are also included in our service offering as is assistance at your company exhibitions.



## 我们的服务——

### 优质且个性化

定期保养和测试您的扭力工具能够实现其最高精确度和可靠性。RAHSOL DREMOTEC 全面的服务能根据您的特殊需求提供专业的支持和帮助:

- 以合理的价格对 RAHSOL DREMOTEC 产品提供出厂校准服务以及由通过专利认证的 DKD 测量实验室设立的证书, 符合应用标准和 DIN EN ISO 9000 ff 认证要求。
- 热线: ++49 (0)1804 - 37 36 68 (德国国内话费: 每次通话 0.245 欧元)
- 通过电话或在工作现场, 我们的专家会提出建议来帮您解决技术问题。我们很乐意帮您选择出最适合的工具——从标准解决方案到为特殊用途定制的产品。我们还可以在您公司举办展览的时候提供产品培训课程和产品演示服务。