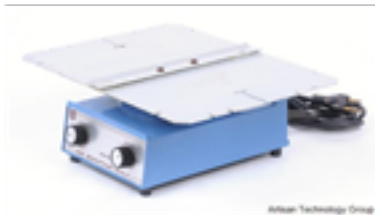


IKA MTS-4-S-2  
Shaker



Limited Availability  
Used and in Excellent Condition

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# IKA Service-Manual

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## Shaker / Schüttler

### MTS 2 / 4 digital

No. 32080.00



**IKA®**

IKA – Werke GmbH & Co. KG  
Janke & Kunkel-Str. 10  
D - 79219 Staufen

Phone: 0049 (0)7633 831 139 / 202  
Fax: 0049 (0) 7633 500 212  
E-Mail: [service@ika.de](mailto:service@ika.de)  
Internet: [www.ika.de](http://www.ika.de)

Type: **MTS 2/4 digital IKA-Mikrotiterschüttler**Item No.: **3208000**

Voltage: 220-240V~ 50/60Hz

**IKA® Service-Manual**

Date: 18-JUN-2007

SZ: 3208000SZ\_b

| Pos  | Item No | Bezeichnung             | Description            | Technical data       | Bemerkung                   | Remark                        |
|------|---------|-------------------------|------------------------|----------------------|-----------------------------|-------------------------------|
| 1    | 2924700 | TORX-PLASTITE LINSCH    | TORX-PLAST.OV.H. SCREW | 3,0x 8 bl-vz         |                             |                               |
| 2    | 3207300 | TORX-PLASTITE SENKSCHR. | TORX-PLASTITE SCREW    | 3,0x10 bl-vz         |                             |                               |
| 3    | 3207400 | TORX SENKSCHRAUBE       | TORX-COUNTERSUNK SCREW | 3,5x22 bl-vz         |                             |                               |
| 4    | 3001600 | SENKSCHRAUBE            | COUNTERSUNK HEAD SCREW | M 4,0x 8,0 POM       |                             |                               |
| 14   | 0426700 | AUSGLEICHSCHEIBE        | SHIM                   | 17,3x23,8x0,25       |                             |                               |
| 16   | 0934200 | SICHERUNGSRING          | RETAINING RING         | 17,0x 1,00 -A        |                             |                               |
| 19   | 1550300 | RILLENKUGELLAGER        | GROOVED BALL BEARING   | 17x 35x 8 16003-2Z   |                             |                               |
| 22   | 3340300 | PU-RUNDRIEMEN           | PU-CIRCULAR BELT       | 43,92x 2,00 orange   |                             |                               |
| 32   | 2815300 | SCHWINGELEMENT          | SWING ELEMENT          |                      |                             |                               |
| 33   | 2815400 | VERSTREBUNG             | CROSS BEAM             |                      |                             |                               |
| 34   | 2578300 | KLEMMBUCHSE             | CLAMPING BUSH          | D 24,6xd 5,0xL 7,5   |                             |                               |
| 35   | 2578400 | POTI-ACHSE              | POTI AXLE              | D 6,00xL 47,5        |                             |                               |
| 36   | 2472100 | BEDIENKNOPF Poti        | OPERATING KNOB Poti    | D 33,3d 6 PDX-M96070 |                             |                               |
| 37   | 2552400 | ABDECKPLATTE            | COVER PLATE            | 34,0x 16,5x 0,8      |                             |                               |
| 40   | 2819600 | FILTERFOLIE             | FILTER FOIL            | 46,2x 18,8x 2,0      |                             |                               |
| 41   | 2815600 | FRONTFOLIE              | FRONT FOIL             | MTS 2/4 digital      |                             |                               |
| 42   | 3340700 | GEL FUSS                | GEL FOOT               |                      |                             |                               |
| 45   | 2925000 | GERÄTESTECKER           | CONNECTOR              | 65°C                 |                             |                               |
| 51   | 2816400 | SPIEGELBLECH            | REFLECTOR STEEL SHEET  | 14x 7x 0,8           |                             |                               |
| 52   | 3204800 | AUFSTELLPLATTE          | FIX PLATE              |                      |                             |                               |
| 53   | 3204900 | SPANNBOLZEN             | CLAMP BOLT             |                      |                             |                               |
| 54   | 3208900 | DISTANZRING             | DISTANCE RING          | D 36,0x 5,9          |                             |                               |
| 57   | 3201800 | GEHÄUSE-UNTERTEIL       | HOUSING LOWER PART     |                      |                             |                               |
| 58   | 2814800 | GEHÄUSE-OBERTEIL        | HOUSING-UPPER PART     | NCS 4040 R80B        |                             |                               |
| 59   | 2995000 | BLP-MOTORREGLER         | PCB MOTOR-CONTROLLER   | 230V                 | ersetzt durch: 3590000      | replaced by: 3590000          |
|      | 3590000 | BLP-MOTORREGLER         | PCB MOTOR-CONTROLLER   | 230V                 | ab Fabrik Nummer: 01.450931 | from Serial Number: 01.450931 |
| 70   | 2746600 | WARNSCHILD              | DANGER SIGN            | SL 12,5              |                             |                               |
| 72   | 3105200 | HINWEISSCHILD           | INFORMATION SIGN       | 6,35x 19,05          |                             |                               |
| 80   | 2820500 | G-SICHERUNGSEINSATZ     | G - SAFETY FUSE        | A 4,000V 250M5x20 T  |                             |                               |
| 2001 | 3274000 | MOTOR MTS 2/4 D         | MOTOR MTS 2/4 D        |                      | ersetzt durch: 3540900      | replaced by: 3540900          |
|      | 3340900 | MOTOR MTS 2/4 D         | MOTOR MTS 2/4 D        |                      | ab Fabrik Nummer: 01.355886 | from Serial Number: 01.355886 |
| 3001 | 2802300 | FEDERKLEMME             | SPRING TERMINAL        | P 2 A16 V 250        |                             |                               |

Type: **MTS 2/4 digital IKA-Mikrotiterschüttler**

Item No.: **3208000**

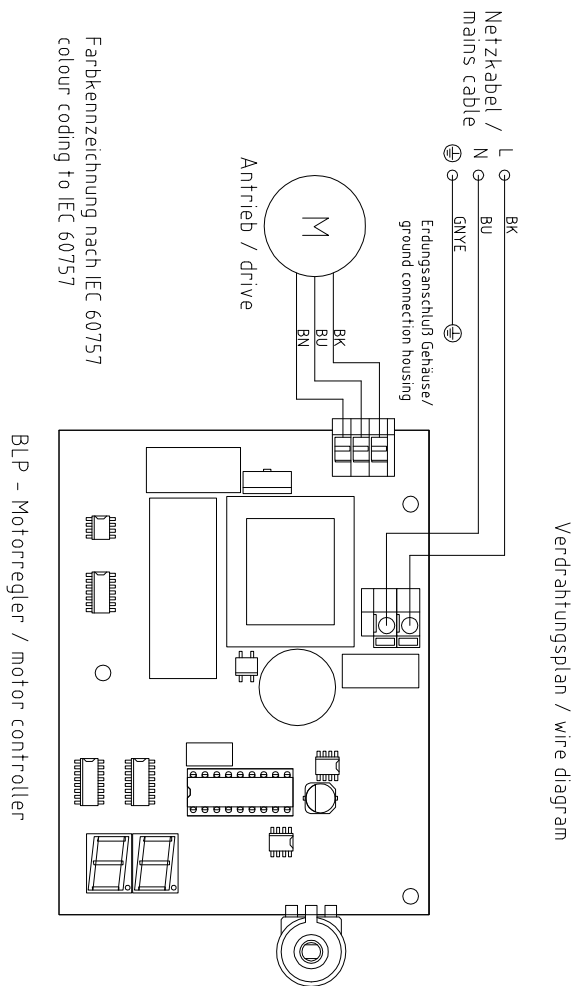
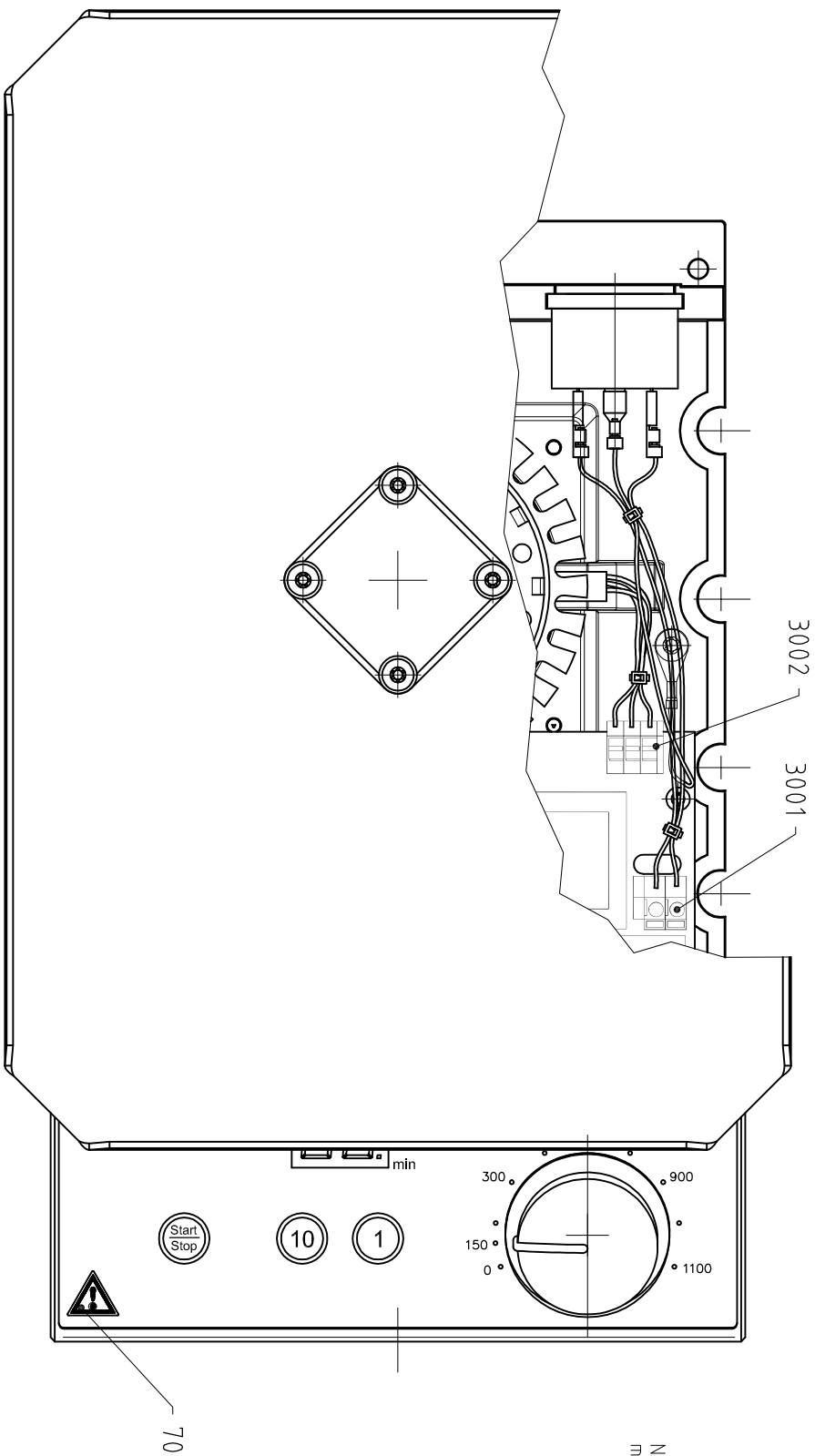
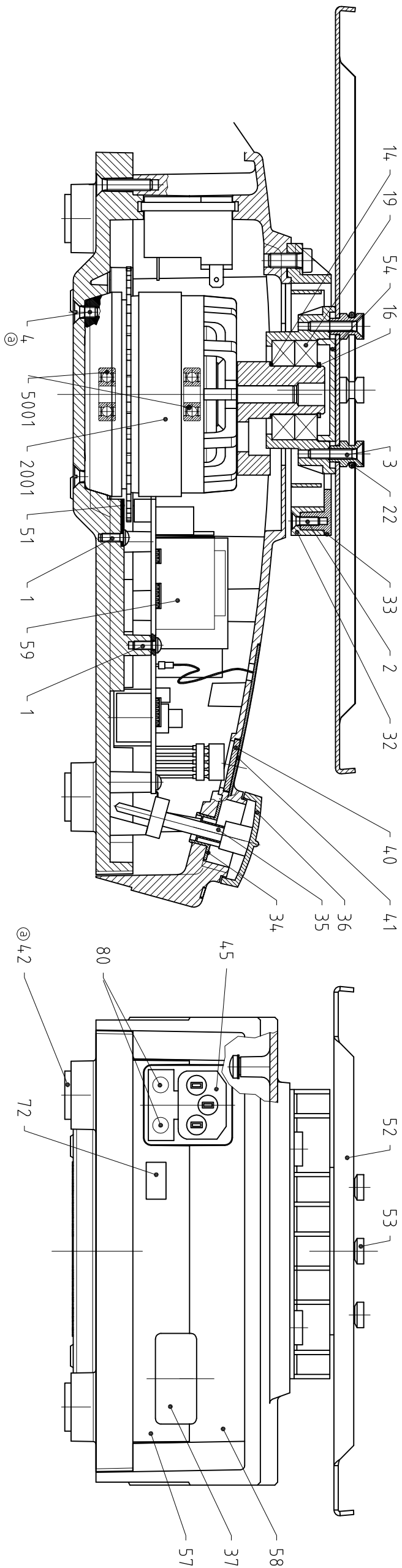
Voltage: 220-240V~ 50/60Hz

## **IKA® Service-Manual**

Date: 18-JUN-2007

SZ: 3208000SZ\_b

| Pos  | Item No | Bezeichnung | Description          | Technical data | Bemerkung | Remark |
|------|---------|-------------|----------------------|----------------|-----------|--------|
| 3002 | 3008400 | KLEMME      | TERMINAL STRIP       | P 3 A10,0V 300 |           |        |
| 5001 | 2746900 | KUGELLAGER  | GROOVED BALL BEARING | 16x 6x 5       |           |        |



|          |                                  |   |  |
|----------|----------------------------------|---|--|
| IKA®     | Servicezeichnung/service drawing |   |  |
|          | MTS 2/4 digital                  |   |  |
|          | 32 080 00SZ                      | b |  |
| 14.03.07 |                                  |   |  |

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