

# ME Series

M / E Analyser for the low frequency

|  | Basic Analysis |                 | Professional Analysis |                 |                 |
|--|----------------|-----------------|-----------------------|-----------------|-----------------|
|  | ME3030         | ME3830          | ME3840                | ME3851          | ME3951          |
| <b>LF Analysers</b>  |                |                 |                       |                 |                 |
| <b>Frequency ranges</b>  |                |                 |                       |                 |                 |
| Frequency range (from ... to)  | 16 Hz<br>2 kHz | 16Hz<br>100 kHz | 5 Hz<br>100 kHz       | 5 Hz<br>100 kHz | 5 Hz<br>400 kHz |
| Filter module 16.7 Hz / 50Hz / 2kHz  |                |                 | ✓                     | ✓               | ✓               |
| <b>Measuring range</b>   |                |                 |                       |                 |                 |
| Measuring range 1 - 2000 nT / Vm   | ✓              | ✓               | ✓                     | ✓               | ✓               |
| Measuring range 0.1 - 200 nT / Vm  |                |                 |                       | ✓               | ✓               |
| <b>Sensors</b>   |                |                 |                       |                 |                 |
| Internal 1D magnetic field sensor  | ✓              | ✓               | ✓                     | ✓               | ✓               |
| Internal sensors bound to earth potential in Y-direction                       | ✓              | ✓               | ✓                     | ✓               | ✓               |
| Internal potential-free 1D-E-field sensor in Y-direction (increased tolerance) | ✓              | ✓               | ✓                     | ✓               | ✓               |
| TCO-compliant E-field sensor "TCO Light" (mountable)                           |                |                 |                       | opt.            | opt.            |
| <b>Features</b>  |                |                 |                       |                 |                 |
| AC and DC outputs  |                |                 |                       | ✓               | ✓               |
| Auto power-off   | ✓              | ✓               | ✓                     | ✓               | ✓               |
| <b>Scope of supply and optional accessories</b>                                |                |                 |                       |                 |                 |
| 9 V battery  | incl.          | incl.           | incl.                 |                 |                 |
| NiMH rechargeable battery  |                |                 |                       | incl.           | incl.           |
| Power supply unit  |                |                 |                       | incl.           | incl.           |
| Certificate of calibration with frequency run " KAL-NF"                        |                |                 |                       | opt.            | opt.            |
| External display DP3000A   | opt.           | opt.            | opt.                  | opt.            | opt.            |
| Grounding cable  | incl.          | incl.           | incl.                 | incl.           | incl.           |
| Grounding clamp  |                |                 |                       | incl.           | incl.           |
| Potential-free telescopic rod  | opt.           | opt.            | opt.                  | opt.            | opt.            |
| Plastic transport case   | opt.           | opt.            | opt.                  | incl.           | incl.           |