

***We keep in store for a successful EAV-test and therapy:***

*Testing supported by computer*

*Virtual testing with digitalized preparations*

*Testing sets of medicaments for beginners*

*EAV-workshops*

*Retec-Bioresonance-Therapy*



Operating instructions

**Akuport M2**



**Manufacturer:**

Kindling GmbH  
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**Marketing on site:****21. Trouble shooting**

- |                         |  |
|-------------------------|--|
| Not taking a reading    | - Turn on<br>- Holding electrode plugged into red jack.<br>- Battery needs re-charging<br>- Spring loaded tip stuck  |
| Spring loaded tip stuck | - Slowly turn switch on hand set until depresses freely.   |
| Calibration             | - Short cut stylus with electrode, use rheostat and calibrate to 100.  |
| Changing tip            | - turn counter clockwise, then pull out.   |
| Cleaning                | - wash electrodes and stylus tip with alcohol, vinegar or any other none allergenic compound after each client. Rinse well with water. May use gentle cleaner for case and honeycomb. Be careful not to scratch dial cover, it is made of plastic. |

**22. Literature**

***Electro-acupuncture Primer*** by F. Werner, R. Voll, H. Schuldt, and Fritz Werner

***Measurement Points of the Electroacupuncture According to Voll on the Hands and Feet*** by Reinhold Voll, M. D.

We have a large array of technical and complementary literature, please contact the office for a list.

**19. Testing the pressure used to read the acupuncture points (optional)**

A factor of insecurity to do acupuncture point readings was the consistency of the pressure used. The point probe has a power reception system to measure the pressure used on the acupuncture point. This is connected with a simultaneous light point display. Lower yellow, green and upper yellow diodes are showing the range of the reading. Choose the pressure to measure an acupuncture point according to the constitution of the patient. With skin, well supplied with lymph, the lower yellow range is sufficient. The norm range is green. Upper green lights could traumatize the point. The reading of the pressure used to do an acupuncture point reading cannot give you an optimal pressure of the point. This is only possible if location and depth is considered. The result of a reproducible reading is important, for example in medication testing. A pressure in the green range is most often completely sufficient to do an optimal reading. The skin conductive value changes only slightly, if the point is accurately measured with increasing pressure. This reading method allows to conduct reproducible readings. This creates optimal conditions for medication testing.

In the beginning practice is needed to simultaneously read skin conductive value and pressure.

If your Akuport M2 does not have this option, please contact your distributor or Kindling GmbH directly for upgrade.

**20. Dental conductivity testing**

(optional with dental probe)

To measure conductivity of metals in the mouth, simply place one of the dental electrodes on one filling and the other on either another filling, the gums, glass frame, earring, chain or any other metal in the immediate area. The amperage is displayed in the LCD box only. It is measured in micro Amps. The electrodes may be removed by turning counter-clockwise. Be sure to sterilize after each use. Teflon covers are available upon request.

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## 1. EG-Declaration of Conformity

The actual Declaration of Conformity for Akuport M2 is downloadable on our website [www.kindling.de](http://www.kindling.de). You can also request the document in our office:

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## 16. Sound & moisture control

Since skin moisture is different from person to person and actually between hands and feet, Kindling's Akuport M2 allows you to calibrate the point finder to the moisture of the region to be measured. Have your client hold the electrode in one hand, lightly touch the tip of the stylus against the skin in the region to be measured, then depress the button on the probe for 2 seconds. Now you are ready to start testing. Since feet usually hold more moisture than the hands, readings off the feet are higher, on average, over those of the hands. Through this process, if you are about to do the hands, you calibrate them first, then do the same for the feet, when they are to be measured.

According to research performed by Dr. Tiller of Stanford University, CA, USA, the energy welling to the skin surface from an acupuncture point has a topical diameter of about 1 mm. Though the actual acupuncture energy source is stationary, where it comes to the skin surface may move around. To assist in locating the point your hand stylus hand piece has 7 yellow light diodes, followed by 3 green one. As you probe the area where you consider the point is, watch the lights. If it goes into the green, you are on the fringe of an acupuncture point, the top green light means you are on a point, though not necessarily right over it. While doing this, be mindful of the rate of the sound pick-up. Probe a bit more around the same area. The position where the pick-up is the fastest indicates you are right on the point, not just touching the edge of it. In both cases, the stylus will indicate you are on the point (top green light in on).

## 17. Changing tips

To change the tip, turn it counter clockwise, then pull it out, insert a new probe and turn clockwise to tighten. If the skin is dry, moisture may be applied. It is important that the area is moist, not wet. Be sure to wipe off any excess water. When looking at the skin from an angle, you should be able to see the grain, with small specs of moisture, not a wet look.

## 18. Product testing

To test a product simply place the desired product in the honeycomb or on the person. Take a reading, if the reading comes to 50 it is good, if it moves away from 50 it is no good. A reading which remains the same as the base line (a reading without any product) is neutral.

## 15. Acupuncture point readings

To take an electro-acupuncture point measurement, use the stylus (point probe) and left hand electrode (black). Have the patient hold the electrode in the opposite hand to the one you wish to test.

Point measurement according to the Voll standard (EAV) run along a scale front 0 - 100, with 50 being ideal. Skin resistance at a balanced point is 96.000 ohms, normal skin resistance is between 2.000 – 4.000 ohms.

The Akuport M2 is calibrated according to the Voll standard. Readings which go above 70, means there is less resistance, which is often an indication of inflammatory process, while readings below 50, means there is an increase in resistance, which often means a degenerative process.

## 2. General

With the KINDLING Akuport M2, you received one of the most up-to-date engineered electric dermal devices. Out of more than 40 years experience in EAV devices and other complementary devices, the M2s have raised the level of market entry products, combined with a modern design, it surpasses all specifications for the highest end EAV devices. The beginner as well as the experience user will find the Akuport M2 a professional diagnostic device, satisfying all applications and techniques. As there is no therapy port, no security-checks will be necessary. Its versatile design allows for easy transport and it may be complimented with a number of our other software and hardware products.

You can perform the following:

- Point Testing
- Technical analysis of the points
- Remedy Verification
- Sensitivity Check
- Compatibility Check
- Dental conductivity measurement (M2-Z) as option

Next to the accesement part, you will find a large analogue display for your measures as well as a digital display to image the pointer drop.. The pointer drop, starting from measure peak, will be displayed numerical. Thus helps to read out the pointer drop easily and exactly. The user can keep his concentration for measuring. The combination of the two display formats enhances much needed information and gives detail unlike any other product on the market.

Please read this instruction carefully and in case of questions do not hesitate to contact our technical service at any time. Look into our seminars series for to deepen your knowledge and enlarge your scope . We will do our utmost to offer a full array of courses, training products and support, to give you every chance to develop a successful EAV practise.

### 3. Accessories

#### 3.1 Standard accessories

- 1 Measure-Instrument Akuport M2
- 1 Pointprobe with tip
- 1 Set of 2 hand electrodes
- 1 ball tip
- 1 Red and black cable for electrodes
- 1 AL 300: Power supply 230V AC
- 1 Honeycomb with black banana jack relay
- 1 Operating Instructions (This manual)

#### 3.2 Optional accessories

- 1 Set of dental probe
- 1 Quadrant switchbox with head- and foot electrodes

### 13. Charging with “Kindling AL300” or “Kindling PSC-6300A”

The Kindling Akuport M2 included rechargeable Batteries. The operating-voltage is in between 5 and 6 Volt. A sub function will be indicated with the red diode “Battery”. You than will arrange an immediate charge. Therefore, you should use only the original Adaptor “Kindling AL300”. This is for safety reasons.

While charging the instrument should be in off-state, the adaptor has to be plugged-in and the Akuport M2 has to be switched off for the time of charging! The normal time for charges is about 15 hours. The green diode (3) will indicate the charge. The process will cut off automatically.

When not using the instrument for a long period of time, the battery will discharge itself, which will be 50% in 3 month. Therefore remove the charger plug out of the Akuport M2.

#### Charging adapter “Kindling PSC-6300A”

Use Charging adapter “Kindling PSC-6300A” for 110V line voltage.

During charging the green charging LED at the Akuport M2 does not work!

For controlling, please watch the LEDs at the charging adapter:

green – power / float

yellow – charge

red – fault

### 14. Point testing

To point test, simply make sure skin is moist, not wet, just moist, slide the stylus probe over the area until the light on the stylus handle moves to the green. Once achieve, press firmly. Watch the dial and note the reading. The analogue indicator shows you the reading, while the LCD will give you the numeric pointer drop, if any. Please refer to the other supporting literature for more information about these values. When removing the probe tip, you should see a fully round depression. If it is a half moon, then the angle of the probe tip was incorrect, please rectify and be at right angles to the bone. Ideal pressure for a Voll setup is about 300-500 grams. Consistency will come with practice and experience. This is the toughest part of the whole process.

## 12. Features

At the front side the measured data will be indicated analogue. The analogue indicator (1.1) is split in 100 scale-parts. The digital display (1.3) shows the pointer drop numerical. The profit of the instrument is the score of the pointer drop as well as the clearly arranged measure analysis. Immediate values are available at the display.

The green light-emitting diode (1.4) under the display shows that the battery is in charge. During this no measurement is possible. Right next to it is the "battery-empty" Diode with its red light (1.5). If this is on, you have to arrange by all means for battery-charge. Do not use further in order to damage the battery. The 3<sup>rd</sup> diode from the left (1.6) shows when the instrument is in use/standby position. The right yellow diode (1.7) shows when activating a Dental-test.

On the right side of the instrument are the plugs for the hand electrodes (2.3, 2.4) and the probe (2.5). With the on-off Button (2.1) you can start the Akuport M2.

With the knob (2.2) you can calibrate the analogue pointer an 100, when you do a short circuit with both hand electrodes. The same procedure is possible between the black hand electrode and the probe tip.

On the back side you find the plug (3.1) to connect the ADC for Computer Software. (3.2) is the adjuster for sound intensity. The plug (3.3) is for dental probes and (3.4) for the charger. The fuse (3.6) can be replaced with 1 Amp. middle-slow.

## 4. Safety

Before using the instrument, as well as once per month, it is best to do a check of all the parts and accessories:

- Check it is in proper working order (Never use a damaged device or parts)
- Assemble only in accordance with the provisions of the operating instructions
- Use only parts from supplier

Attention: Do not use on patients with pacemaker!

## 5. Warranty

Two years from date of purchase, except batteries and cables which are 6 months. This device is guaranteed against production defects and/or defects in the materials used. Repairs made by a person other than specialized personnel can create a danger to the user. Please remember this. If the appliance has been tempered with by non authorized persons, the guarantee will no longer be valid.

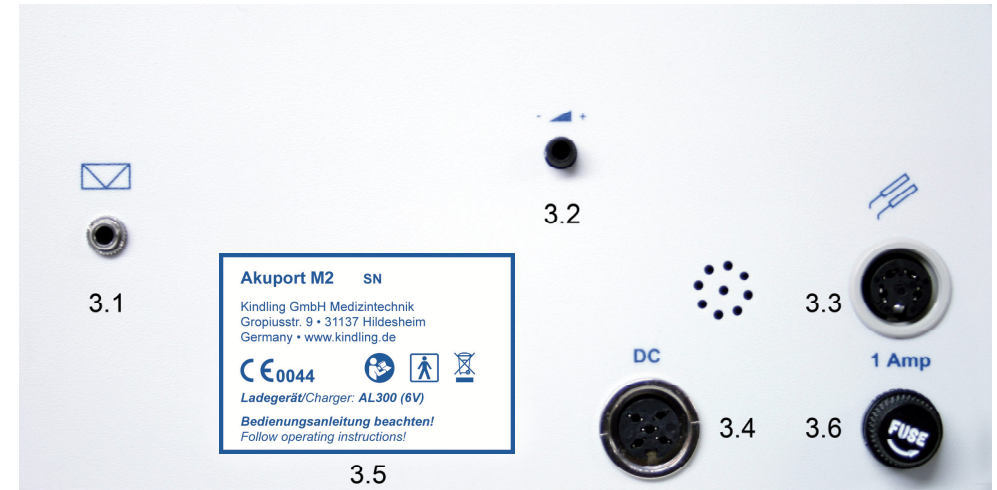
## 6. Cleaning

The cleaning of the electrodes should be done in between treatments with a solution of vinegar, a solution of lemon juice, or alcohol. Any Oxidation should be taken off with a detergent for noble/precious metal. Afterwards clean with warm water.

## 7. Specifications

Name	Akuport M2
Type	Electroacupuncture acc. to Dr. Voll
Category	Medical Class IIa, BF
Manufacturer	Kindling GmbH Hildesheim, Germany
Dimensions	Width 110 mm Height 130 mm Depth 85 mm
Weight	1 kg
Power Supply	220V AC. 50 – 60 Hz
Fuse	1 Amp.
Battery	6 Volts 1300 mAh
Adaptor	AL 300 Use only original charger!
Charging time	approx. 15 hours, auto cutoff
Operating time	40 hours continuous
Dental test	0 - 10 µA digital
Maintenance intervals	Every 2 years (suggested)

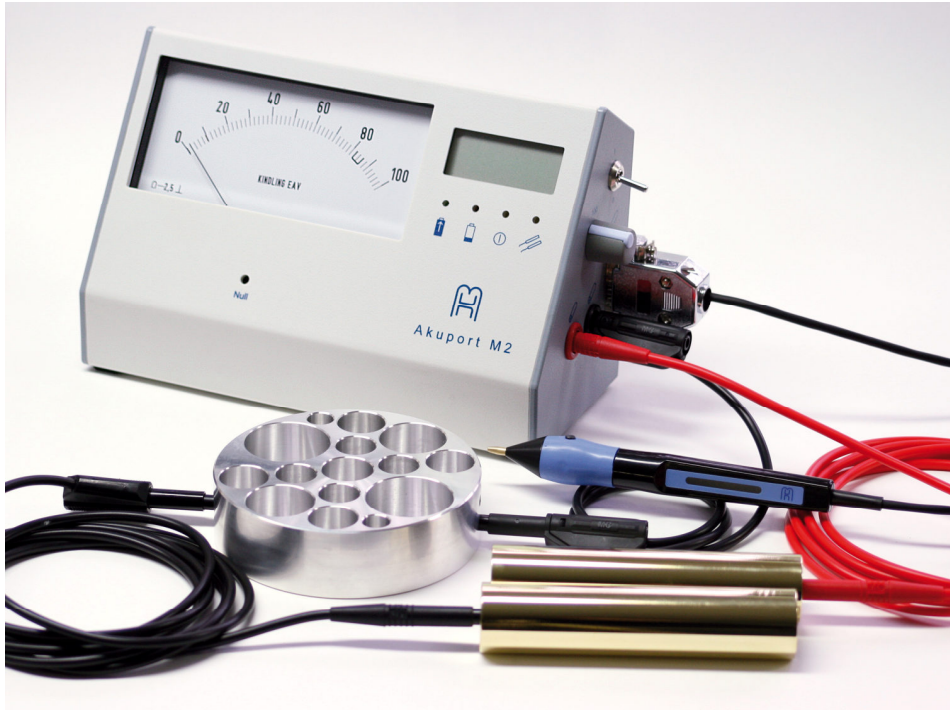
## 11. Back view



- 3.1 Plug for ADC (Computer)
- 3.2 Sound intensity
- 3.3 Dental probe plug
- 3.4 Charger
- 3.5 Type label
- 3.6 Fuse






10. Connection view

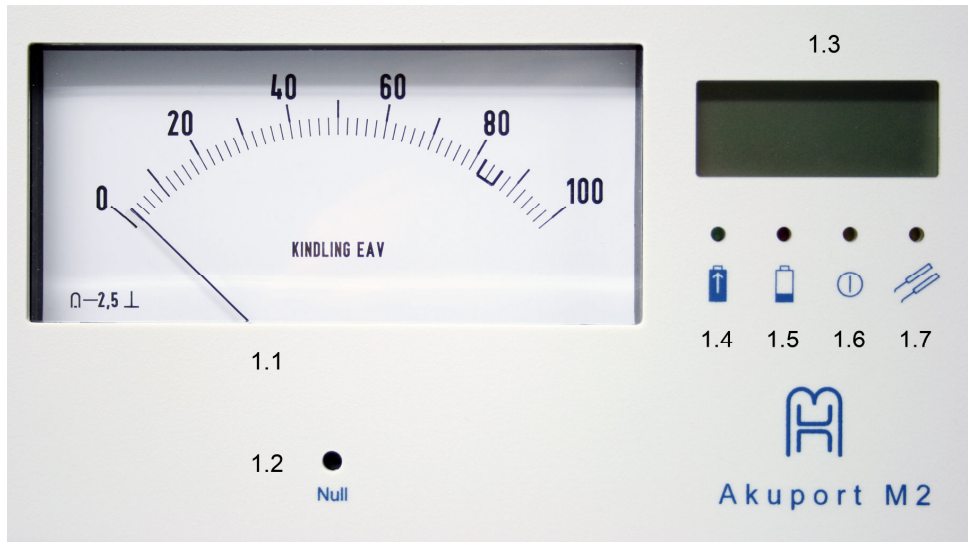


\*Connect honey comb with short wire (0,5m) into plug 2.4. The other side of the honey comb connect with long wire (2m) with the black hand electrode.

Description of symbols

SN	Serial number
CE 0044	CE label w/ notified number of notified body
	Follow operating manual
	Type BF body float
	Notice regarding disposal

8. Front view



- 1.1 Analogue dial
- 1.2 Analogue fine tune, mechanical
- 1.3 Display
- 1.4 Charging, green LED
- 1.5 Low battery, red LED
- 1.6 Device on
- 1.7 Dental test

9. Side view



- 2.1 On/Off switch
- 2.2 Regulator "100"
- 2.3 Hand electrode red
- 2.4 Hand electrode black or honey comb\*
- 2.5 Probe plug