ADMT Series

3D imaging mobile phone water detector

Automatically mapping by mobile phone, no need to pull the cable

- 3D imaging: quickly make 2D/3D images with your phone or tablet
- Precise and intelligent: 46 years of research and development history, accurate and reliable data
- Simple and efficient: APP operation is simple and easy to understand, innovative measurement methods are 3-6 times faster than traditional methods, simple and efficient

- Used to find detailed information such as the direction, depth and output of underground water, greatly improving the success rate of well drilling.
- Detailed investigation and census work for regional hydrogeology such as environmental investigation, engineering exploration, geothermal exploration, goaf, geological disasters, etc., methods are 3-6 times faster than traditional methods, simple and efficient

WTS GEOPHYSICAL SOLUTIONS

Head Quarters
☎ RM 1902, Eassey Comm Bldg
253-261 Hennessy Rd., Wan Chai
Hong Kong
(0086) 18071521517
(0086) 13189733144
info@wtsgeophysical.com

Business Centre
☎ 25, Rayala Towers, Tower II,
1 Floor, Anna Salai,
Chennai, India
(091) 9843474810
wtsgeo@wtsgeophysical.com

www.wtsgeophysical.com
### 3D Imaging Mobile Phone Water Detector

- Directly operated by mobile phone APP
- The instrument's own touch screen operation

<table>
<thead>
<tr>
<th>Model</th>
<th>Detect Depth (m)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADMT-100S</td>
<td>100</td>
</tr>
<tr>
<td>ADMT-200S</td>
<td>200</td>
</tr>
<tr>
<td>ADMT-300S</td>
<td>300</td>
</tr>
<tr>
<td>ADMT-400S</td>
<td>400</td>
</tr>
<tr>
<td>ADMT-600S</td>
<td>600</td>
</tr>
<tr>
<td>ADMT-800S</td>
<td>800</td>
</tr>
</tbody>
</table>

ADMT series water detector is based on more than 40 years of research and development, combined with the advantages of MT method, AMT method, frequency sounding method and other electrical exploration methods, and real-time on-the-spot drawing of graph, 2D and 3D imaging through mobile APP. It is light, efficient, intelligent and accurate.

Optional high-precision electromagnetic sensor, no need to pull the wire. It solves the shortcomings of the inability to insert electrodes on cement and rock ground, and also solves the error caused by the uneven distance of the cable caused by shrubs and ground potholes.
ADMT Series

High precision electromagnetic sensor

No need to pull the wire, single operation; cement and rock surface also can use

- Optional high-precision electromagnetic sensor, can complete the measurement without pulling the wire;
- Solved the shortcomings of cement and rock surface that cannot be inserted into the electrode;
- Solved the error caused by the uneven distance of the cable caused by shrubs and ground potholes.

- It is used to find detailed investigation and census exploration of metal ore and non-metal ore, reduce mine investment risk, improve mining success rate and scientific.
- For engineering geological exploration, disaster geological exploration, coal mining goaf, archaeological excavation, urban geophysical exploration, non-metallic pipeline surveying and other applications.
- It is used to find detailed investigation and census exploration of groundwater to solve the needs of human and livestock drinking water, industrial water and agricultural irrigation.
- It is used for exploration and exploration of rare minerals such as jade, gemstone, ebony and crystal to improve the success rate and scientific.

WTS GEOPHYSICAL SOLUTIONS

Head Quarters
RM 1902, Easey Comm Bldg
253-261 Hennessy Rd., Wan Chai
Hong Kong
(0086) 18071521517
(0086) 13189733144
info@wtsgeophysical.com

Business Centre
25, Rayala Towers, Tower II,
1 Floor, Anna Salai,
Chennai, India
(091) 9843474810
wtsgeo@wtsgeophysical.com

www.wtsgeophysical.com
产品介绍 Product Introduction

ADMT系列手机找水仪是我公司联合桂林理工水文地质勘查研究院联合研制的全球首款物联物联网仪器，它是通过测量天然电磁场强弱来反应地下水电阻率的变化，从而分析判断地下水的位置、深度等相关信息，可以对地下水进行详查和普查勘探，解决人畜饮水、工业用水和农业灌溉的需求，对成功打井取水起巨大作用，受到广大客户的一致好评！

ADMT系列手机找水仪获得多项发明专利（专利号：2013020054153.5、201120214308.8、201120567915.2、201320303919.9）。

ADMT Mobile APP Water Detector: first IOT (Internet of Things) geological detector in the world, which is R&D by our company with Guilin Institute of Hydrology geological prospecting institute. This series detector is based on measure the strength to check the electric resistivity change underground. According that, it could analyze the underground water location, depth etc., and also could do detailed and general survey. That will play great role on successful drilling well for water to fulfill requirement of water drinking, industrial using and agricultural irrigatio. Products are praised by all customers.

ADMT series Mobile APP Dam Piping Detector won a lot of invention patent. (Patent No.: 201320054153.5, 201120214308.8, 201120567915.2, 201320303919.9.)

主要特点 Features

自动成图：无需拉线（无线传感器配合使用）；与专家在线分析交流；数据永久保存；进一步强化了“场源修正”功能（发明专利号：201310205318.9），彻底解决了天然电磁场源强度大小不一致及随时间变化的缺点。

Automatic Graphing: No need cabling(by wireless sensor); communicate with expert online by APP; Strengthen the “Electrical Field Resources Correction” functions(Invention Patent: 201310205318.9), totally solved the disadvantage of keeping changing all the time by natural electrical field.

WTS GEOPHYSICAL SOLUTIONS

Head Quarters
RM 1902, Easyee Comm Bldg
253-261 Hennessy Rd, Wanchai
Hongkong
(0086) 18071521517
(0086) 13189733144
info@wtsgeophysical.com

Business Centre
25, Rayala Towers, Tower II,
1 Floor, Anna Salai,
Chennai, India
(0091) 9843447810
wtsgeo@wtsgeophysical.com

www.wtsgeophysical.com
### 主要技术参数

<table>
<thead>
<tr>
<th>参数</th>
<th>型号</th>
<th>Model</th>
</tr>
</thead>
<tbody>
<tr>
<td>测量范围</td>
<td>Measurement Range</td>
<td>0-300mv</td>
</tr>
<tr>
<td>探测深度（视地质环境而定）</td>
<td>Detect Depth</td>
<td>0-100m, 0-200m, 0-300m, 0-400m, 0-600m, 0-800m</td>
</tr>
<tr>
<td>测量模式（智能选频）</td>
<td>Measuring Mode (Intelligent Frequency Select)</td>
<td>20倍频率, 40倍频率, 60倍频率, 80倍频率</td>
</tr>
<tr>
<td>分辨率</td>
<td>Resolution</td>
<td>20微秒/mv, 10微秒/mv, 5微秒/mv, 2微秒/mv</td>
</tr>
<tr>
<td>重复误差</td>
<td>Repetitive Error</td>
<td>±5% ±2个字节, ±3% ±2个字节, ±2% ±2个字节, ±2% ±1个字节, ±1% ±1个字节, ±0.1% ±1个字节</td>
</tr>
<tr>
<td>A/D转换</td>
<td>A/D Switch</td>
<td>16位1M/s, 16位1M/s, 24位1M/s</td>
</tr>
<tr>
<td>输入阻抗</td>
<td>Input Impedance</td>
<td>≥10MΩ</td>
</tr>
<tr>
<td>功率抑制</td>
<td>Power Frequency Suppression</td>
<td>&gt; 80dB</td>
</tr>
<tr>
<td>数据存储</td>
<td>Data Storage</td>
<td>手机云存储或本地20G空间, Phone Storage space or cloud space 20G</td>
</tr>
<tr>
<td>显示方式</td>
<td>Display</td>
<td>手机(平板)显示5-10.1寸触摸屏, Mobile phone or tablet PC (touching LCD 5-10.1&quot;&quot;)</td>
</tr>
<tr>
<td>连接方式</td>
<td>Connection Mode</td>
<td>蓝牙4.0, Bluetooth 4.0</td>
</tr>
<tr>
<td>仪器电源</td>
<td>Mainframe Power Supply</td>
<td>DC7.4V 3400mAh锂电池, Lithium battery</td>
</tr>
<tr>
<td>主机功耗</td>
<td>Mainframe Power Consumption</td>
<td>160mA, 360mA, 360mA, 360mA, 360mA</td>
</tr>
<tr>
<td>使用温度</td>
<td>Operating Temperature</td>
<td>-10℃<del>+40℃, -20℃</del>+60℃, -40℃~+70℃</td>
</tr>
<tr>
<td>主机尺寸</td>
<td>Mainframe Size</td>
<td>18.6×14.8×8cm</td>
</tr>
<tr>
<td>主机重量</td>
<td>Mainframe Weight</td>
<td>0.8KG, 0.9KG</td>
</tr>
</tbody>
</table>

### 应用效果

**Graphs on AUXU SURVEY APP has the same result with Surfer software, which is professional data analyse software.**

---

**WTS GEOPHYSICAL SOLUTIONS**

**Head Quarters**
- RM 1902, Easy Comm Bldg
- 253-561 Hennessy Rd, Wan Chai
- Hong Kong
- (0086) 18071521517
- (0086) 13189733144
- info@wtsgeophysical.com

**Business Centre**
- 25, Rayala Towers, Tower II, 1 Floor, Anna Salai
- Chennai, India
- (091) 9843474810
- wtsgeo@wtsgeophysical.com

www.wtsgeophysical.com
AIDU Exploration Data Processing App

Real time curve graph and color graph drawing, online expert communication

AIDU PROSPECTING APP is an intelligentized data processing software with the function of data acquisition and data correction processing. Inside with curve graph, 2D and 3D drawing modules, the APP could quickly complete the curve graph, 2D graph and 3D graph drawing. Easy operation, quick drawing, accurate data processing are the best function of the APP. Besides that, the APP connect with the mainframe by Bluetooth, which means the APP don’t need to connect to the internet. If you want to process the data by PC, just need to backup the data at the WIFI or 4G network environment.

Scan and download, free use

WTS GEOPHYSICAL SOLUTIONS

Head Quarters
RM 1902, Easkey Comm Bldg
253-261 Hennessy Rd., Wan chai
Hong Kong
(0086) 18071521517
(0086) 13189733144
info@wtsgeophysical.com

Business Centre
25, Rayala Towers, Tower II,
1 Floor, Anna Salai,
Chennai, India
(0091) 9843474810
wtsgeo@wtsgeophysical.com

www.wtsgeophysical.com