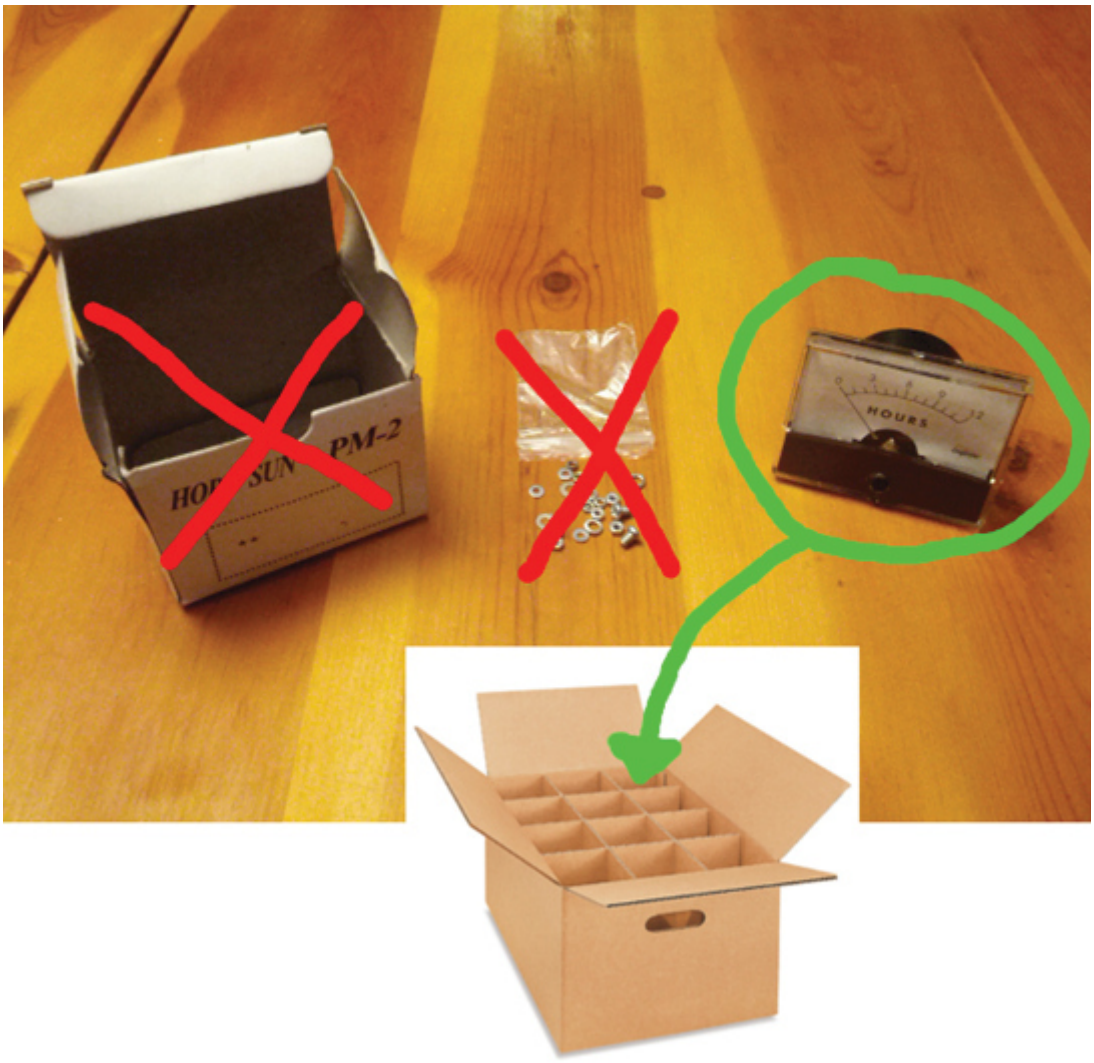
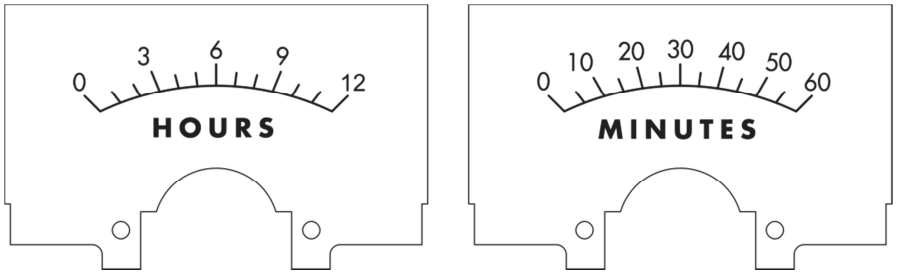
Packaging

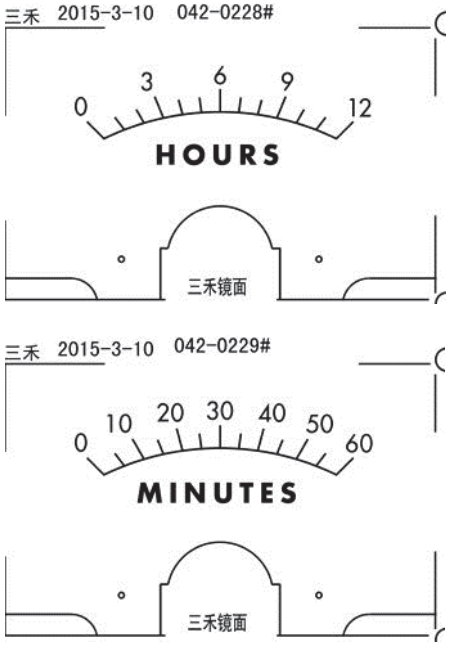
Bulk packaging is requested.

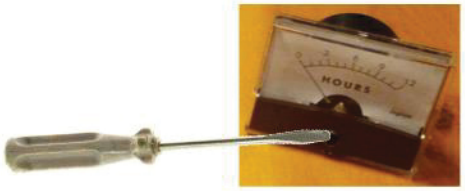
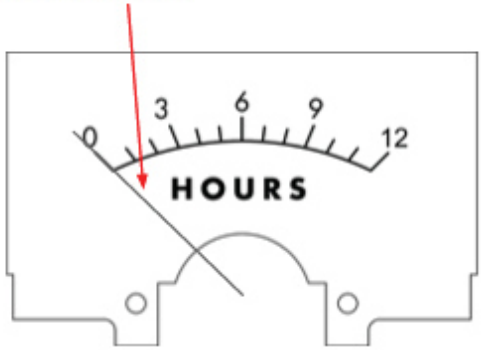


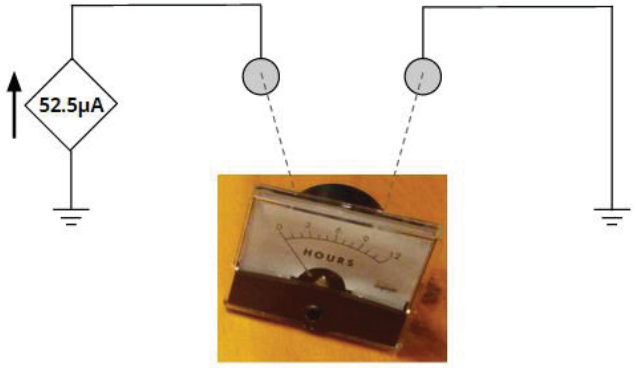
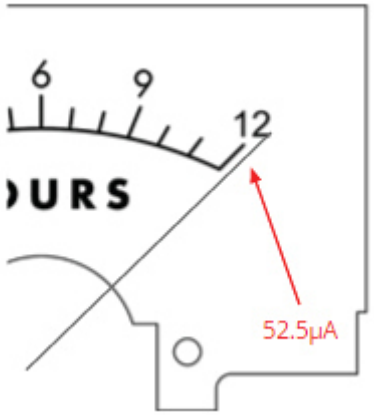
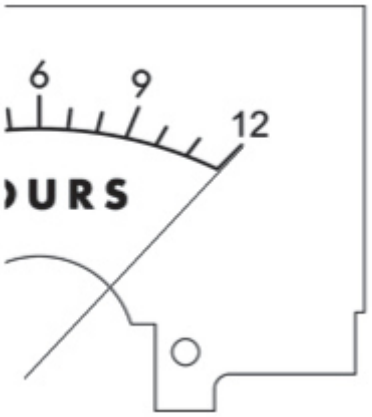
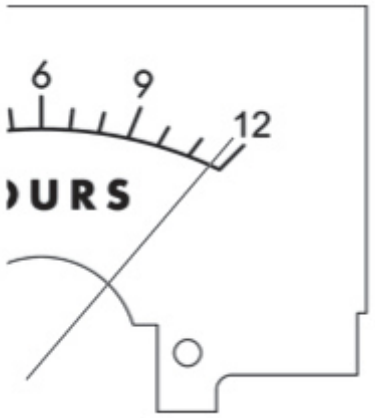
Customer Supplied Artwork: “AWK-105-0001-ARTWORK.png”



Factory verified artwork



Test	Setup	Good	Bad
Test 1: The meter can be aligned to zero with a screw driver.	 Lined up on the "0"  Adjust with a screwdriver.	 Needle is on "zero". Visual test.	  Needle does not line up to "zero". Visual test.

Test	Setup	Good	Bad
Test 2: After Test 1, When 52.5µA are applied, the meter reaches past full scale.	 Apply current.	 Needle goes *past* the last mark. Visual test.	  Meter did not reach *past* the end.

What my purpose is with these tests:

I want to confirm that the meter can achieve the full range of motion. I can calibrate the signal sent to the meter, so I'm not testing for accuracy, I'm testing for how far the meter can move.

Questions:

Do they test 100% of the meters? Do they do statistical sampling? What other quality checks do they make?

1. 测试内容和要求标准：

测试一：电表可以用螺丝刀调整归零。通过**目测，指针必须与零刻度标记对齐。**低于或高于零刻度标记均视为坏结果。

测试二：以上测试完成后，施加52.5uA的电流。通过**目测，指针必须超过（高于）满刻度标记。**对齐或者低于满刻度**标记**均视为坏结果。满刻度**标记**对应的是50uA的电流。

如果达到上面两个要求，我假设会对其它方面的质量满意。

2. 目标解释：

我的目标不是衡量精确程度，而是衡量电表的指针能够到达多远的位置。重要的是保证电表的指针在整个刻度盘区间都能移动。基本上，我不是太，太在意电表的精确程度，因为我可以调整发送给电表的PWM信号。我的电子装置设计可以提供一些额外的电流。如果电表有偏差，指针不能与标记绝对对齐，我可以通过软件减弱信号水平并校准。

3. 其他问题，请工厂根据其专业知识决定：

- 工厂是否将测试所有（100%）的电表？
- 或者是根据AQT标准进行统计抽样？
- 工厂还将进行其它什么方式的质量检测？

PM-2 50UA Test Procedure：

1、 Test “Zero” position

2、 The balance test at 45degree, horizontal and vertical

3、Test the scale between Zero and full scale

4、 Test at full scale


DS246
V
A
mA
μA
300μ
4mA
3mA
40mA
30mA
400mA
300mA
2A
2A
D030—E型
数字式三用表校验仪
潍坊华光集团公司仪器厂
0
10
20
30
40
50
μA
HOPESUN