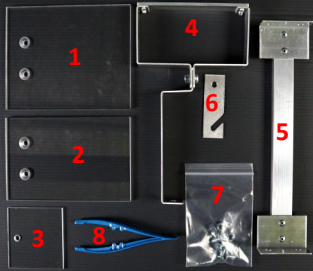




# SPECIFIC GRAVITY WEIGHING KIT

## Manual

### With Specific Gravity Calculator

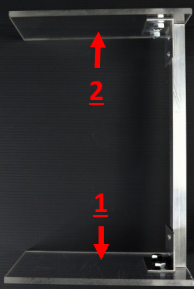


#### List of Parts:

- |  |                                      |
|--|--------------------------------------|
| 1. Base plate.                         | 6. Hook for weighing large specimens |
| 2. Top plate for calculator placement. | 7. Assorted nuts and bolts.          |
| 3. Specimen weighing plate.            | 8. Tweezes.                          |
| 4. Wet weighing attachment.            |                                      |
| 5. Mounting post.                      |                                      |

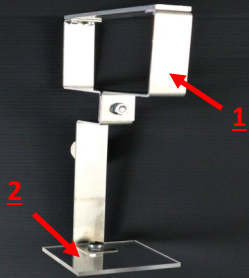
## ASSEMBLY

#### Assembly of plates to support post:



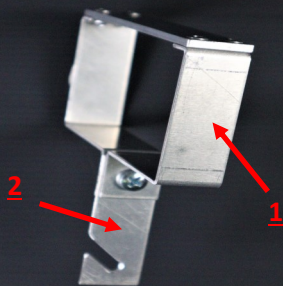
1. Attach base plate (130 x 100 mm) to the post using two 10mm countersunk Philips head screws and nuts .
2. Attach top plate (130 x 80mm) to the other end of the post using two 10mm countersunk Philips head screws and nuts for your calculator in placement.

#### Assembly of the wet weighing attachment:



1. The wet weighing attachment comes partly assembled.
2. Specimen weighing plate has to be attached using one 10mm dome head Philips screw and nut.

#### Conversion of wet weighing attachment for weighing larger specimens:



1. The wet weighing attachment can also be modified by replacing the weighing extension and plate to the hook attachment.
2. The hook attachment as be supplied for the purpose of weighing larger specimens. By turning the base plate around facing backward and the device can be attached to a bench. A string and a bucket of water can be used for larger specimens.

#### Recommendation:



1. A jug or any other type of containers can be used, the larger width as possible would be the best. When weighing, the side of the container can not be touch by the weighing attachment so as to get an accurate weight.
2. We also recommend that the scale to be used should be between 250 to 1000 grams capacity.

For more information feel free to contact us.

Ph: 03 8658 6648 or [www.gold-tec.com.au](http://www.gold-tec.com.au)



# SPECIFIC GRAVITY WEIGHING KIT

## Manual

### With Specific Gravity Calculator

#### Working out the dry and wet weights

##### Dry weight:



1. Air weigh the specimen for a dry weight. As shown in picture the weight is 64.9 grams.

##### Wet weight:



2. Set your calculator, add water to the container. Turn on the scale, place the weighing attachment in the container with water and place it on the scale. Push the TARE button and zero the scale. Now place the specimen on the weighing attachment and the weight is now 55.1 grams

#### Using the web based calculator to get the specimen GOLD contain (grams)

[www.gold-tec.com.au](http://www.gold-tec.com.au)

SPECIFIC GRAVITY CALCULATOR By Gold-Tec Australia		SPECIFIC GRAVITY CALCULATOR By Gold-Tec Australia		SPECIFIC GRAVITY CALCULATOR By Gold-Tec Australia	
Specimen Information		Specimen Information		Specimen Information	
Weight in Air	64.9	Weight in Air	64.9	Weight in Air	64.9
Weight in Water	0.	Weight in Water	55.1	Weight in Water	55.1
Gold (Grams)	-124.13	Gold (Grams)	45.13	Gold (Grams)	45.13

1. Insert dry weight.
2. Insert wet weight.
3. This is the GOLD quantity.

#### Working out the value of the GOLD

72.40 ▲ +0.13 +0.19%

Gold ▼ AUD ▼ g ▼



1. Got to <https://goldprice.org> for the price of the day.
2. Now multiply the price of day by the gold weight and you have your gold value in AUD.  $72.40 \times 45.13g = \$3267.42$
3. Not a bad days work.

**Gold-Tec Australia**  
Giving you the edge

For more information feel free to contact us.  
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