

## TECHNICAL DATA OF YOUR SOLAR DEVICE

**Name of the solar device:**

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### **Family**

- solar cooker
- solar potabilizator
- food dryer
- others (specify): Solar Kettle-Thermos Flask (Solar boiling, baking and autoclave device)

### **Production:**

- self-made
- commercial

**Type of solar device** (oven/parabolic/etc., accumulation and/or concentration, direct/indirect):

Solar Kettle-Thermos Flask: Coaxial Solar Vacuum Glass Tube with double selective coating device collector to collector and retain solar thermal energy for boiling, baking and autoclave purposes

### **General description:**

Condensed from the latest in Vacuum Glass Tubes Collector technology, the Solar Kettle-Thermos Flask strips away all unnecessary overheads and delivers to the users, the very heart of the technology that empowers them with affordability and portability, a robust and practical multipurpose solar thermal device to boil, bake and autoclave in a renewal and sustainable way. As long as it is unbroken, the Solar Kettle-Thermos Flask delivers heat energy with the compliments of the Sun almost perpetually to cook food, pasteurize or boil water, regenerate silica gel for critical desiccating purposes and even double up as a “thermos flask” delivering previously heated water in the morning even before the Sun is up.

### **Size (cm):**

Length: 0.75meter x Outer Circumference: 0.06m

### **Opening area:**

1 meter cube working area

**Weight (Kilograms):**

Gross: 1.5kg (with protective packaging) Nett: 1kg

**Materials:**

Vacuum separated coaxial borosilicate glass body, aluminum/aluminum nitrite selective electrostatic spluttered coating, aluminum, stainless steel, galvanized iron frame, cork stopper and silicon rubber rings.

**Temperatures:**

Stagnating temperature: up to 220°C

**Comments:**

Already in commercial production.

**Documentation available:**

In the oral paper submitted to the Secretariat for the coming Granada Conference.

**Available Maps:**

In the oral paper submitted to the Secretariat for the coming Granada Conference.

**Author's contact:**

Alex Kee, as per the above address and contact number.

**Commercial availability (if it is a commercial device):**

Yes.

**Picture/s of your solar device (can be pasted in this file or sent as an attachment):**

