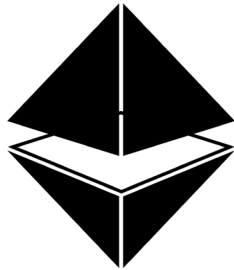


QUANTUM LEVITATION



CATALOG

The look in their eyes when they witness and touch the magic of **Quantum Levitation** is worth everything. It is what drives us as educators and inventors.



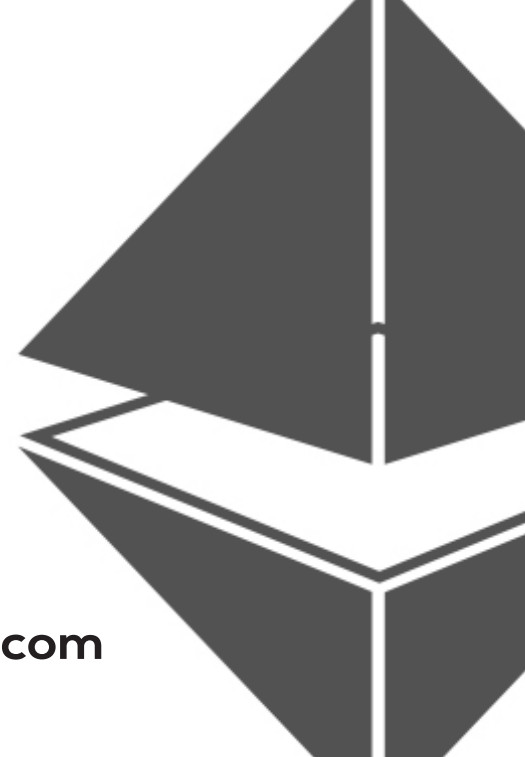
Dr. Boaz Almog,

Boaz A

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www.QuantumLevitation.com





QUANTUM LEVITATORS

The **Superconducting Quantum Levitators** are the heart of our technology. The design features that allow our levitators to perform so exceptionally include a thermal reservoir for Liquid Nitrogen and a plastic casing for ease of use.

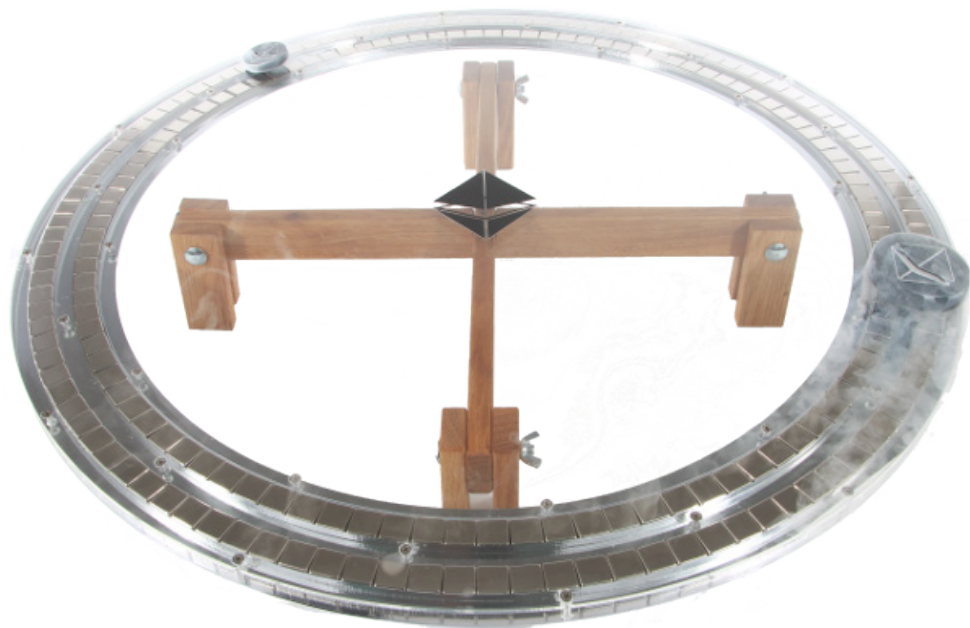
We offer three types of **Quantum Levitators** that come in various sizes:

- **Standard Levitators**, offer great magnetic repulsion and flux pinning properties, for all science demonstration purposes.
- **Enhanced Levitators**, offer exceptional performance and are able to carry a small payload of up to 200gr.
- **Ed Levitators**, similar to the standard type but equipped with a resistance thermometer. This adds the capability to perform accurate measurements for quantitative experiments.



QUANTUM LEVITATION MAGLEV KIT

The impressive **Maglev Kit** is the best choice for large audience demonstrations at science museums, science fairs and lecture halls.

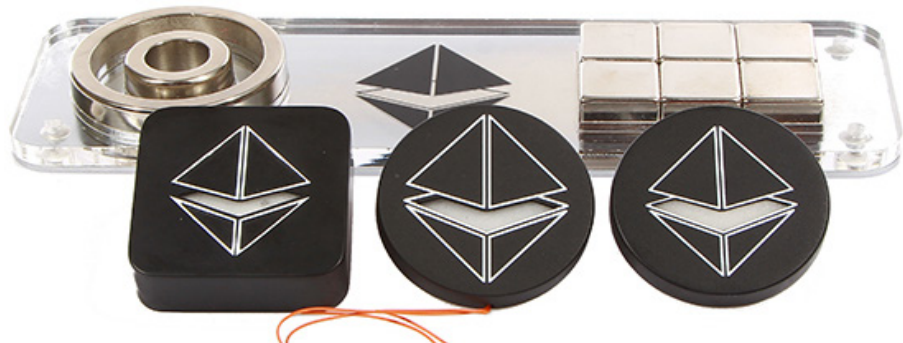


The **Complete Maglev Kit** contains:

- Circular maglev track (Ø72 cm)
- Foldable wooden stand.
- **Quantum Levitators:**
 - Large Enhanced levitator (Ø7 cm).
 - Medium Enhanced levitator (4×4 cm).
 - Medium Standard levitator (Ø4.5 cm).
 - Medium Ed levitator (Ø4.5 cm).
- Handheld magnetic device (**Starter**).
- “**Quantum Levitation Booklet**” Guide for Teachers.
- User manual and experiment guide.

AS FEATURED IN

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DIY MAGLEV KIT

Build your own **Quantum Levitation** maglev track

Experience customizable frictionless motion in both levitation and suspension.

Excellent for **science fairs** and **educational projects**.

The **DIY Kit** contains:

- Small / medium Quantum Levitator. (Standard/Enhanced/Ed)
- NdFeB block magnets (10X10X5mm³).
- Stainless steel track (40cm/80cm long).
- User manual and experiment guide.

STARTER KIT

The **Starter Kit** is our entry level kit to “**Quantum Levitation**”.

Excellent for **demonstration purposes** and **classroom experiments**

The **Starter Kit** contains:

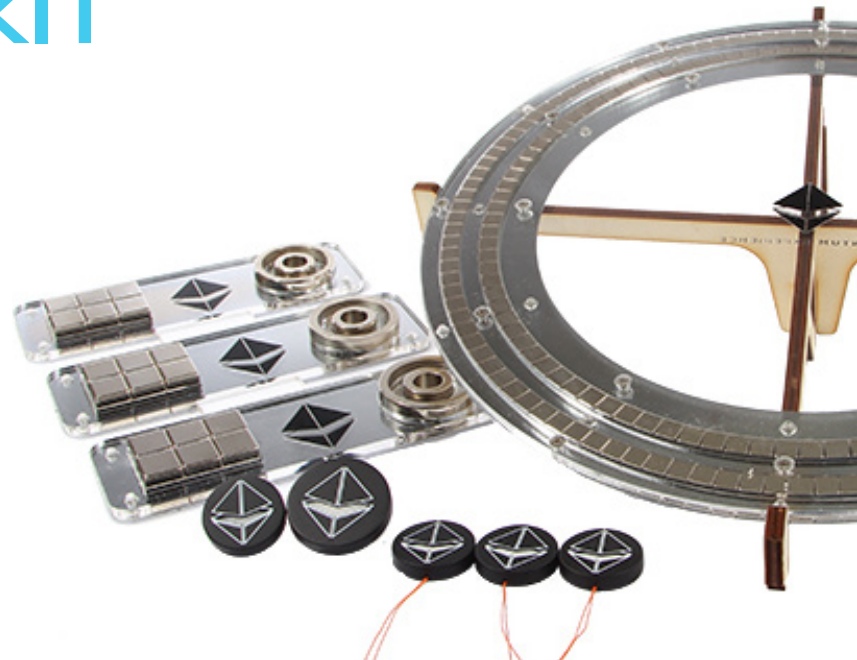
- Handheld magnetic device
- One medium Quantum Levitator (Standard/Enhanced/Ed)
- User manual and experiment guide.



CLASSROOM KIT

The **Classroom Kit** will allow students to experiment and learn about one of the most intriguing and exciting phenomenon of modern times - **Superconductivity**.

Give your student a taste of the work of true **physicists**.



The **CLASSROOM KIT** contains:

- Circular maglev track (Ø40 cm) + wooden stand
- Level wooden stand and two inclined stands (7° and 15°)
- Three Handheld magnetic device
- One Medium Quantum Levitators
- One Small Quantum Levitators
- Three Small Ed Levitators (thermometer included)
- “**Quantum Levitation Booklet**” Guide for Teachers.
- User manual and experiment guide

**EXCELLENT FOR
HIGH-SCHOOL USE**

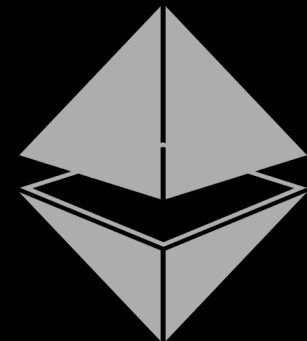


OUTREACH PROGRAM PACKAGE

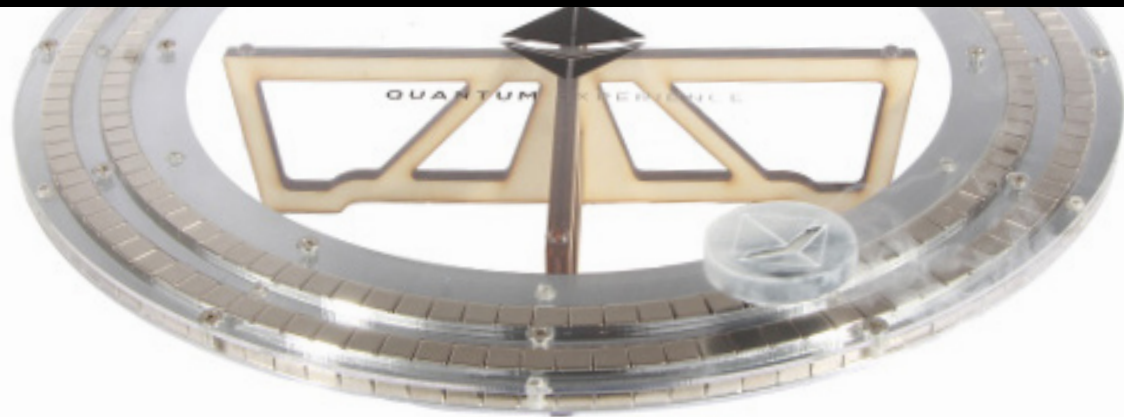
Bring **Quantum Levitation** to the people. The ultimate **outreach package** for **Quantum Levitation & Quantum Locking**. The kit contains portable easy-to-use experiments to be taken outside the lab and allow an hands-on experience with **Quantum Levitation**.

This **bundled kit** includes:

- Circular maglev track (Ø40 cm)
- Level wooden stand
- **DIY Pro** maglev track (80 cm).
- Handheld magnetic device (**Starter**).
- Medium Enhanced levitator (4×4 cm).
- Medium Standard levitator (Ø4.5 cm).
- User manual and experiment guide



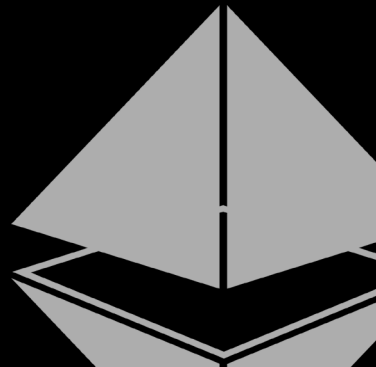
MINI MAGLEV KIT



The **Mini maglev Kit** is our portable and compact magnetic track. All the capabilities of a larger track, in an easy to carry size. Great for **science outreach**, **science fairs**, **open days** and the perfect choice for **classroom demonstrations**.

The **Mini Maglev Kit** contains:

- Circular maglev track (Ø40 cm)
- Foldable wooden stand.
- One medium Quantum Levitator (standard/enhanced/ed).
- **Starter Kit** [optional].
- User manual and experiment guide.





QUANTUM LEVITATION BOOKLET FOR TEACHERS

We are proud to offer teachers and educators our “**Quantum Levitation Booklet**”, a comprehensive study and experiment guide that includes theoretical background, quantitative experiments, data analysis and much more.

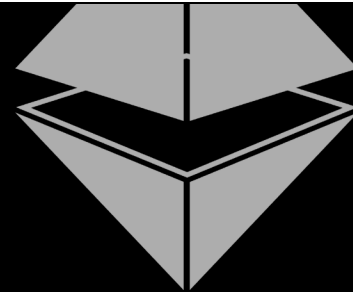
The Quantum Levitation Teacher’s Guide contains a set of experiments suitable for both high-school and undergraduate levels students in classical and modern physics.

Demonstrations and Student Activities:

- Quantum Levitation.
- The Meissner Effect.
- Quantum Locking.
- The Maglev Track.

Quantitative Experiments:

- Measuring the Levitation Force.
- Measuring the Critical Temperature Using Magnetic Levitation.
- Classical physics: Harmonic oscillator.
- Classical physics: Energy conservation.



THE QUANTUM EXPERIENCE MISSION

Serving top tier universities as well as thousands of educators and students worldwide, Quantum Levitation provides quality products with personalized service and support.

OUR CUSTOMERS



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www.QuantumLevitation.com