



PRODUCT INFORMATION

Vapor Cells for Magneto Optical Traps

Purity Level higher than 98% Guaranteed

Sacher Lasertechnik Group offers high quality gas cells for magneto optical traps (MOT) manufactured by Triad Technology, Inc. All standard filling materials like Rubidium, Cesium, Potassium, etc. are available. The purity level of the natural elements used in manufacturing all vapor cells is higher than 98%. The windows are manufactured by Fused Silica. Before shipping, all vapor cells are tested to ensure the optical quality of the cell's windows and to detect any impurity that may be present in the cell. On request, we offer buffer gases like Neon, Argon, Krypton. There are two different types of MOT cells available.

Please contact us in case you are interested in complete MOT solutions. We offer complete MOT systems with Laser System, Lockbox, MOT together with a mirror set in different configurations. If you have any requirement that is not listed, please call or email us with your requirements. We also supply custom vapor and gas cells.

Setup scheme for trapping atoms

Figure below shows the experimental setup scheme for trapping atoms in MOTs

CONTACT & LEGAL



For further information about the product or support requests, please contact your local person in charge.

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