

# Benz Micro ACE MC Cartridge

## Product Info



Conceived in 1996 as the most affordable Swiss hand-made moving coil, it took 5 years and a new factory to deliver the Advanced Cartridge Engineering of the ACE in 2001. Now the S Class models of the ACE SL (red), SM (clear), SH (blue) all incorporate the Benz MicroRidge stylus for the best performance/value ratio in phono cartridges, regardless of output level. The SL is .4mV at 3.54cm/sec with a coil impedance of 12 ohms, perfectly suited for MC phono stages with 60dB or higher gain. The SM is .8mV and 24 ohms, designed for less efficient systems and tube phono stages with gain between 45 – 58dB. The H2 (2.5mV at 3.54cm/sec) is among the best high output moving coils ever made, ideal for MM type phono stages, low gain tube phono stages and AV systems. Music lovers

can take advantage of industry leading programs in upgrading previous Benz models or other brand cartridges to the new ACE S Class.

Benz Micro ACE S Low Output MC Cartridge 0.4mV Output Also available in 2.5mV and 0.8mV versions The Benz ACE is one of our favorite budget phono cartridges. Based on the generator system and stylus assembly of the Benz Glider with a protective acrylic body, the ACE is a handmade cartridge, one of the only hand-built cartridges at this price point!



This is a true music lover's cartridge, warm and natural through the mid-range, with great bottom-end extension and silky smooth high frequencies. If you just want to play record after record with a big smile on your face...the ACE is the cartridge for you! The Benz ACE is simple to install and is available in three different outputs to match any phono-stage. The ACE combines a cost-effective version of the Glider generator with an aluminum frame and acrylic body modeled after the Benz Ruby and Reference. Play the ACE, it's a winner.

**Stereophile Recommended Component 2009 – 2010 Class B** "The next best thing to the very best sound reproduction." **Michael Fremer** writes "The Benz-Micro ACE SL is easy to recommend"

Weight: 8.8 grams Break-in period: 40 hours 2 Year Warranty

### Benz Micro ACE S MC Phono Cartridge Specifications

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| - Type: Moving coil stereo cartridge             | - Channel balance: Better than 0.5db                 |
| - Cantilever: Solid Boron, 0.28mm                | - Channel separation Better than 1kHz:>35 dB at 1kHz |
| - Output Voltage: H(2.5mV) M(0.8mV) L(0.4mV)     | - Dynamic compliance: 15 µm/mN                       |
| - Stylus : line-contact diamond, mirror polished | - Recommended loading: >200 - 47k ohms               |
| - Stylus tip radius: radius: 6x40 µm             | - Tracking force range: 1.8-2.2 g                    |
| - Vertical tracking angle: 20°                   | - Tracking force recommended: 2 g (20 mN)            |
| - Coil : Pure Iron Cross                         | - Optimum working temperature: 23° C                 |
| - Internal impedance: 12 ohms                    | - Break-in period: 40 hours                          |
| - Frequency response: 20Hz-20kHz                 | - Warranty: 2 years manufacturing defect             |

