



Figure 1. The structure of Zero Gauss Chamber ZG7

To obtain a null field reference a Zero Gauss chamber must be used to shield the probe sensing area from external field. The ZG7 is particularly designed accessory for the SENIS Magnetic Mapping Systems.

| Shield factor: $S_f > 100$      |      |                |
|---------------------------------|------|----------------|
| Dimension                       | [mm] | Tolerance [mm] |
| External diameter ( $D_{ext}$ ) | 26.7 | $\pm 1.0$      |
| Internal diameter ( $D_{int}$ ) | 21.0 | $\pm 0.5$      |
| Length (L)                      | 68.0 | $\pm 1.0$      |