

**ampere**

SI base unit for the electric current (symbol: A). The ampere is that constant current which, if maintained in two straight parallel conductors of infinite length, of negligible circular cross-section, and placed 1 metre apart in vacuum, would produce between these conductors a force equal to  $2 \times 10^{-7}$  newton per metre of length (9th CGPM, 1948).

G.B. 70; 1996, 68, 961