

## **total ion current**

*in mass spectrometry*

1. (after mass analysis): The sum of the separate ion currents carried by the different ions contributing to the spectrum (this is sometimes called the reconstructed ion current).
2. (before mass analysis): The sum of all the separate ion currents for ions of the same sign before mass analysis.

### **Source:**

PAC, 1991, 63, 1541 (*Recommendations for nomenclature and symbolism for mass spectroscopy (including an appendix of terms used in vacuum technology). (Recommendations 1991)*) on page 1554

Orange Book, p. 206