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# PASSI TEST PLUS



**Passi Test Plus** is a tool designed to assess the real quality of stainless steel. It consists of a “probe pen”, which contains the electrochemical solution, and an external storage unit. By pressing the probe pen on the surface, Passi Test Plus measures and stores data on the open-circuit potential and nobility of a metal, thus measuring its corrosion resistance.

The test, which is neither destructive nor damaging, is fast (the result is given in 15 seconds) and numerical: while other, purely chemical passivation tests are based on colour interpretation (ferrocyanide test), thus offering a strongly subjective datum that is often distorted by superficial impurities, **Passi Test Plus** releases an exact and not disputable numerical value.

The **Passi Test Plus** system is calibrated with zero as its discriminating point: if the value is higher than zero, then the stainless steel is passivated; if the value is lower than zero, then passivation is either scarce or non-existent. As such, it is possible to compare different kinds of stainless steel: the higher than zero is the value, the better the passivation of the sample; the lower than zero is the value, the worse is the passivation of the tested stainless steel.