



Silvermedal



eProCheck 100/300 - device for determining the progesterone content automatically

The eProCheck device makes performing milk progesterone tests for fertility checks practicable for dairy cattle farmers, herd managers, insemination technicians and veterinarians. The advantages of determining the progesterone from milk or blood to identify oestrus, false oestrus, the presence of follicular ovarian cysts, ovulation, or even to exclude pregnancy have long been known. The enormous possibilities of improving the fertility in a dairy herd have so far only been little used due to the complicated and time-consuming handling and the necessary subjective assessment of the results based on the colour changes in the commercially obtainable progesterone tests. The eProCheck device makes it possible to partly automate a semi-quantitative progesterone test based on ELISA technology with minimal labour and time input. An integrated special sensor evaluates the colour changes. The results can be stored and transferred to existing herd management programs.