Baxter use today several NucleoCounter® instruments in many of their production and research facilities in Austria and in the Czech Republic.

Dr. Leopold Grillberger, Manager Cell Culture Fermentation, Baxter BioScience Orth/Austria states:

After we have started to work with the NucleoCounter technology, we have developed analytical methods to measure our mammalian cell cultures. We apply the technology for suspension cells and adherent cells on spheric and macroporous microcarriers. The NucleoCounter technology has been compared against other automatic cell counters as well as the traditional manual methods. Based on the results of these experiments, we could easily establish a full validation of the instrument and the analytical methods in a very short time: It could be demonstrated that the NucleoCounter is a very reliable instrument for determining cell numbers in different kinds of cell culture processes, the results are, over a wide range of cell densities, highly precise, reproducible, repeatable and the methods are robust. Furthermore, the NucleoCounter is very user friendly; offers short time for analysis and has a minimum need for calibration or maintenance. This, and the minimized liquid handling for sample preparation and the disposable cassettes are very convenient to use in GMP production areas. Altogether the NucleoCounter can be highly recommended as analytical system to be used from research to manufacturing of all kind of mammalian cell processes.