

## Reference List

Counting of Sperm Cells with the NucleoCounter® SP-100™

### Boar

	<p><b>JSR</b> has been using the NucleoCounter® SP-100™ for a number of years for internal quality control measures, and has recently purchased an additional machine to allow implementation of the technology across the whole of their AI processing business. This investment will ensure every dose taken across their elite sire lines at stud will be verified using the best technology available. Read the full statement under 'References'.</p>
	<p>The largest AI company in Denmark. <b>Hatting-KS</b> runs 7 EU approved stations. ChemoMetec have supplied NucleoCounter® SP-100™ to Hatting-KS for Boar Semen analysis.</p>
	<p><b>Nort GmbH</b> was founded in 1986. At present Nort have more than 350 boars. Nort uses the NucleoCounter® SP-100™ to optimize the Quality Control of the final semen doses.</p>

### Bull

	<p>Laboratories Manager Marcos Ablangue from <b>Cogent</b> says: Cogent operates the UK's largest bull stud and is one of the pioneers in bovine sexed semen for the modern farmers. The quality of our insemination straws starts with the bulls, but it is maintained and ensured through the whole production process of our insemination straws. One of the key steps in quality assurance towards our customers is the careful selection of the samples processed. Our strict standards require high quality semen and efficient timing on the handling of the samples, and that's where the NucleoCounter® SP-100™ comes in. We currently work with two NucleoCounter® SP-100™ units in our production lab: one at the sample collection point and one at the production and quality control point. Once the semen sample is collected the laboratory work starts. The NucleoCounter® SP-100™ allows us to determine with high degree of accuracy and precision the concentration and viability of the bovine semen samples, and make quick and reliable decisions on whether or not it can be used for the sexing procedure. On final quality control, at the end point of the insemination straws production, the NucleoCounter® SP-100™ is one of the seven test stations that every single batch of semen has to pass. The concentration results obtained with the instrument have proven extremely robust and reliable; enabling us to consistently deliver the quality product our customers expect. The implementation, ease of maintenance and time gain of the NucleoCounter® SP-</p>
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	100™ use in our lab has proven a key improvement in terms of work efficiency and precision. In the seven years we have implemented the NucleoCounter® SP-100™ in our processes, we've never encountered any problem or issue with it.
	Reproductive Specialist Jim Martin from <b>Accelerated Genetics</b> says: "The NucleoCounter® SP-100™'s viability mode provides an excellent objective measurement to semen quality and the accuracy allows for very precise sperm cell measurement to maximize unit production on high demand sires." Read the full statement under 'References'.
	Headquartered in DeForest, Wisconsin, <b>ABS Global</b> is the world-leading provider of bovine genetics, reproduction services, technologies and udder care products. Marketing in more than 70 countries around the globe, ABS has been at the forefront of animal genetics and technology since its founding in 1941. ABS Global uses the NucleoCounter® SP-100™ for Bull Semen analysis and quality control.
	<b>Swissgenetics</b> . One of the largest suppliers of bovine genetics in Switzerland. Swissgenetics uses NucleoCounter® SP-100™ for Bull Semen analysis.
	<b>VOST</b> have a history of more than 125 years with Cattle breeding in Germany. VOST have chosen the NucleoCounter® SP-100™ for analyzing the bull semen.

### Stallion

	<b>Blue Hors</b> is an approved EU stallion station breeding horses for dressage, servicing more than 1500 mares yearly. Their horses participated in OL in Atlanta and Athens and the World Cup in Las Vegas in 2005 and won Silver and Bronze in dressage at WEG in Aachen 2006. Blue Hors has improved the quality and optimized production of semen doses with NucleoCounter® SP-100™, and use it for fertility studies.
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### Man (human)

	Københavns Praktiserende Lægers Laboratorium ( <b>The Laboratory for General Practitioners in Copenhagen</b> ) uses the NucleoCounter® SP-100™, for counting the number of sperm cells in Human semen.
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### Buck (rabbit)

	<b>Pharming</b> is developing therapies for a range of medical needs based on their unique science and technology, specializing in production of human proteins for healthcare. One of these human proteins is expressed in milk from transgenic rabbits. Pharming is using NucleoCounter® SP-100™ to effectively breed the transgenic rabbits.
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