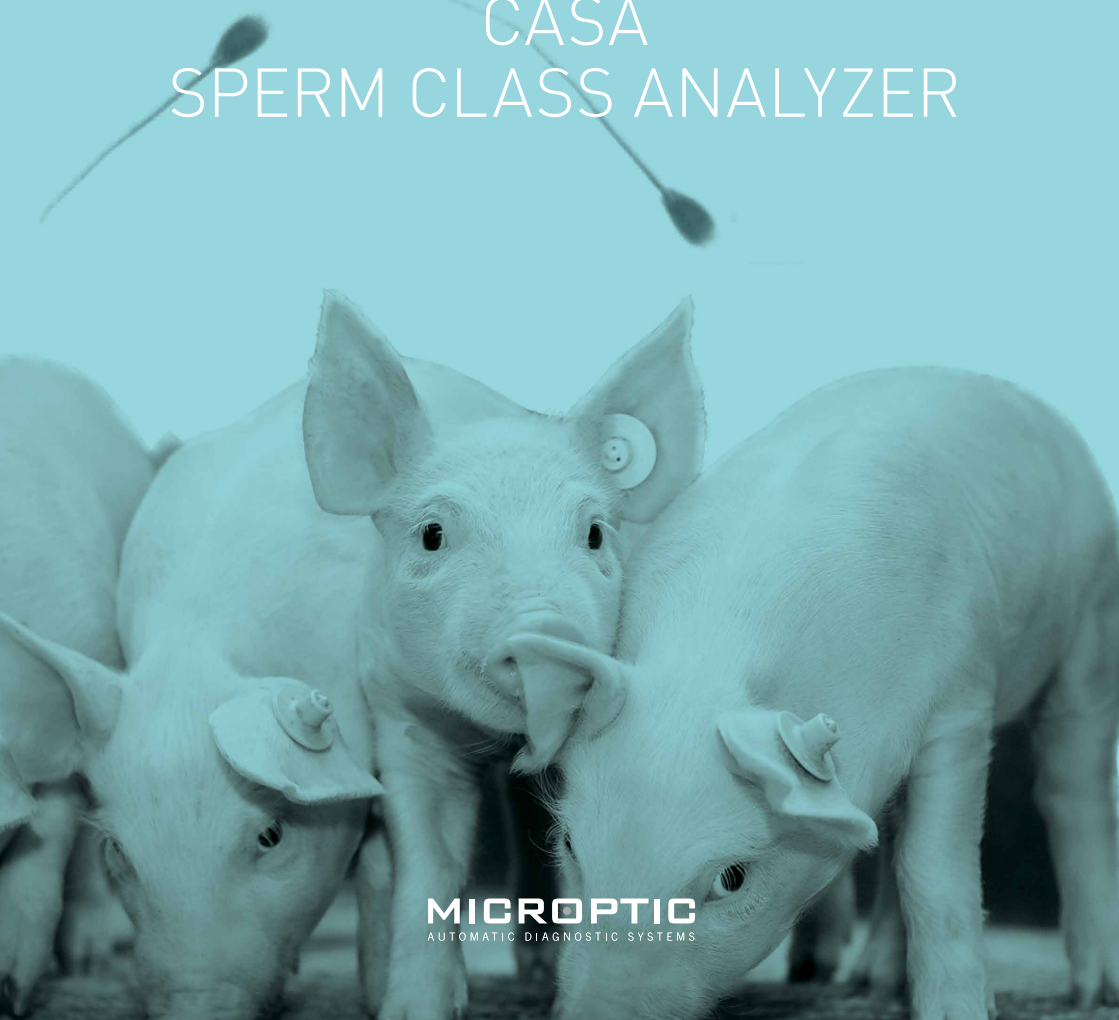
SCA

EVOLUTION

PRODUCTION

CASA
SPERM CLASS ANALYZER



MICROPTIC

AUTOMATIC DIAGNOSTIC SYSTEMS

SCA® Production

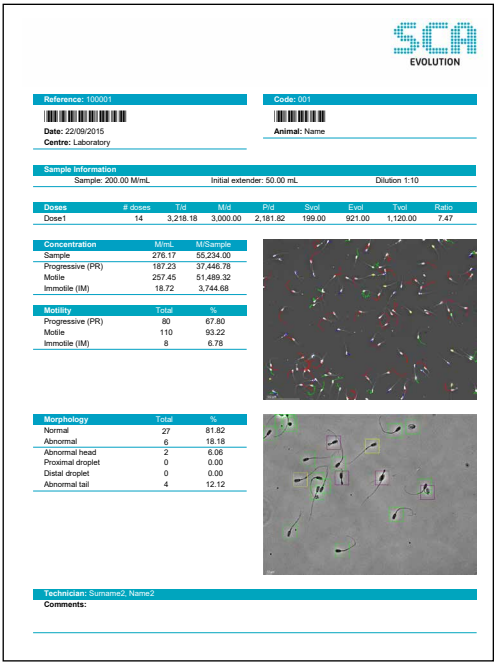
Intuitive CASA system for your
animal production center.
Automatically provides optimal doses.

Motility & **concentration**, as well as **droplets and coiled tails** are **rapidly** and automatically analysed with SCA® Production.

Also **acrosome integrity** can be automatically analysed.

SCA® PRODUCTION MAIN FEATURES

Includes a user-friendly animal database that permits the management of the results, identification data as well as obtaining statistics. Full report includes images and graphs. In addition, a summary report by animal and date can be easily obtained and exported to several formats.



High quality hardware components: Phase contrast microscope with heating stage, digital Basler camera and control unit computer (optional **motorized stage** to do the process automatically). Can be connected to a digital scale and barcode reader allowing a quicker data insertion.

Compatible with existing **software or databases**.

Can be **plugged into a semen packaging machine**, automatizing the whole procedure and making it faster.

Any **disposable analysis chamber** can be used.

Technical Support is available, with remote connection.

SCA® PRODUCTION MODULES:

MAIN MODULES	
SCA® Production	Automatic analysis of concentration and motility, and interactive morphology and acrosome analysis in unstained samples
SCA® Droplets	Analysis of cytoplasmic droplets and coiled tails
SCA® Acrosome integrity	Analysis of acrosome integrity in phase contrast with the 40x objective
SCA® Sample Management	Management of the database and reports generator
ADDITIONAL MODULES	
SCA® DataShare	It enables the internal SCA® database sharing and the connection with any LIS system
SCA® Stage Controller	Fully automation using motorized stage

MINIMUM REQUIREMENTS:

SCA® Production	
COMPUTER	Desktop or laptop: Operating system Windows 10 (64 bits); Processor: Intel Core i5 or superior; RAM: 4 GB or superior; USB 3.0 port
CAMERA	Basler Ace acA1300-200uc
MICROSCOPE	Nikon or Olympus; Trinocular tube 1x, C-mount 1x; Turret condenser and centering telescope
OBSERVATION METHOD	Negative and positive phase contrast
OBJECTIVE	10x ph- (Motility), 20x ph+ (Morphology), 40x ph+ (Acrosome)
FILTERS	Green filter
DISPOSABLES, KITS, STAININGS	Disposable counting chambers or Makler
ADDITIONAL HARDWARE	Heating stage (37ºC)

DISTRIBUTOR:

MICROPTIC
AUTOMATIC DIAGNOSTIC SYSTEMS

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