












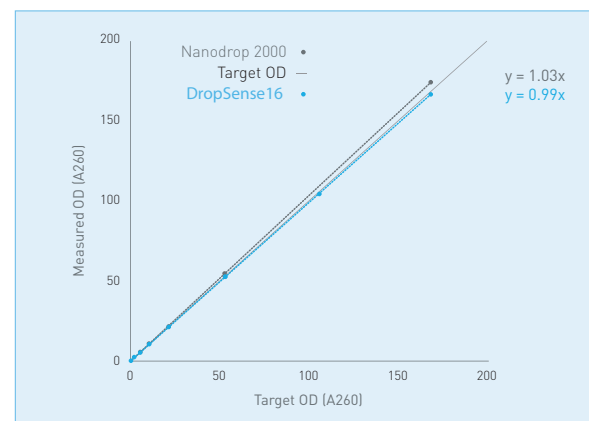


BECAUSE SOME THINGS ARE
MEANT TO BE SIMPLE



3 Within 2 minutes results are displayed and data can be exported to a USB stick or a network location. A report can be printed or displayed on your smartphone by scanning the QR code.

	DropSense16	NanoDrop 2000
Nbr of actions on the reader (10 samples)	 3	80
Time spent per sample	 7 seconds	30 seconds
Cross contamination	 Not possible	Likely
Sample evaporation	 None (up to 2h after loading)	Immediate
Measurement range	 0.03 to 200 (10 mm equivalent)	0.04 - 300 (10 mm equivalent)
Precision dsDNA: $\leq 100\text{ng}/\mu\text{l}$	 $\pm 1 \text{ ng}/\mu\text{l}$	$\pm 2 \text{ ng}/\mu\text{l}$
Wavelength accuracy	 0.2 nm	1 nm
Built-in computer	 yes + 7" color touchscreen	No
Software	 DropSense16 software + app selection	External computer
Calibration	 Integrated	Performed by service engineer
Built-in connectivity	 USB, Ethernet, QR codes	USB



Triplicate measurements
of a dNTP mix dilution series
(0.03-160 OD) on DropSense16
and Nanodrop 2000

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BEAUTIFULLY SIMPLE QUANTIFICATION





Designed for convenient app selection and results assessment. Don't lose time and define your experiment on the touchscreen during sample read-out. Export the results to a USB key, network or smartphone, or print it directly with our DropSense16 printer.



With a simple click, a selection of UV/VIS apps is available for DNA, RNA, Protein quantification and more.



DropSense16 SLIDES

The Trinean DropSense slides are unique micro-cuvette carriers fit for 2µl samples. On-board capillary channels protect the sample from evaporation and allow sample loading at the bench. Simply insert the slide to measure. No cleaning. No contamination.



- Key features
- 2 µl samples
 - Easy sample loading with capillary intake and storage
 - Samples protected from evaporation for up to 2 hours
 - No sample cross-contamination
 - Flexible loading of 1 to 16 samples on the DropSense16 slide
 - Stable read-out using micro-cuvettes

CHOOSE YOUR DYNAMIC RANGE

DropSense16 slide-40

Contains a single micro-cuvette with 0.5 mm optical path

Measurement range: 0.03 to 40 OD
dsDNA range: 1.5 ng/µl up to 2000 ng/µl
IgG protein range: 0.02 mg/ml to 29 mg/ml

DropSense16 slide-200

Contains two micro-cuvettes with 0.1 and 0.7 mm optical paths

Measurement range: 0.03 to 200 OD
dsDNA range: 1.5 ng/µl to 10,000 ng/µl
IgG protein range: 0.02 mg/ml to 146 mg/ml

DropSense16 READER

The Trinean DropSense16 is an advancement to the traditional cuvette and single-droplet spectrophotometers. Measuring up to 16 samples per run, the DropSense16 enhances measurement, performance and speed by avoiding repetitive dilution, cleaning or dropping steps.

TOUCHSCREEN BASED OPERATIONS

The 7" color touchscreen on the DropSense16 makes experiment design, measurement and data analysis, easy, fast and efficient. As the touchscreen works well with gloves, it eliminates the need for a stylus or a keyboard.

DropSense16 SOFTWARE

- Key features
- No dropping or cleaning on the reader
 - Compact, stand-alone reader
 - Self-calibration, no service required
 - Micro-volume 2 µl samples
 - Up to 16 samples in 2 minutes
 - 0.03 - 200 OD (10mm equivalent, slide-200)