



## New NanoPhotometer N120: The High Microvolume Throughput Champion



April 3, 2019

Implen is proud to announce the newest innovation in microvolume spectroscopy. Introducing the NanoPhotometer® N120 - the world's first 12 channel microvolume spectrophotometer. The instrument's record breaking design allows for rapid analysis of up to 12 samples at a time over a wide concentration range (2 - 8,000 ng/ $\mu$ l dsDNA).

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### Fast High Throughput

- Reduces operational steps for the user by 33% compared to eight channel systems
- As little as 1.7 seconds per sample
- 20 seconds per full (12 sample) run
- High resolution **Full Scan Data** (200 - 900 nm)
- Accurate determination of sample 260/280 and 260/230 purity ratios
- 2  $\mu$ L minimum sample volume
- Small benchtop footprint, all in one design, no computer needed
- Evaporation issues experienced on other multichannel instruments are minimized due to our patented Sample Compression™ technology
- No recalibration, no regular maintenance ever





## Easy Sample Application and Cleaning

- Proprietary 12 Point Technology™ which consists of several positioning guides for single- and multi-channel pipettes
- Patented illuminated sample windows
- Sample cleaning is a breeze - simple swipe with a KimWipe™
- Animated sample processing grid

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## CFR21 Software Package

The N120 can be combined with our new optional CFR21 software package providing FDA 21 CFR Part 11 compliance for electronic records and electronic signatures (new software features are also available for current NanoPhotometer models NP80, N60, C40). The NanoPhotometer® can also be easily incorporated into workflows by interfacing with any major LIMS provider with the integrated REST API.

- Electronic Record Keeping
- Audit Trail
- Electronic Signature
- Role Based Access Control (RBAC)
- FDA 21 CFR Part 11 Compliant



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**Trusted Technology** Prestigious biological, chemical and pharmaceutical companies as well as research organizations around the globe rely on Implen products.



- Proven technology trusted by scientists worldwide
  - Cited in over 5,000 scientific publications
  - Over 6,000 instruments installed
  - The most innovative line of microvolume UV/Vis spectrophotometers
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