



Introducing the **Ultimate in Performance.**

NanoPhotometer® NP80

Nanovolume & Cuvette Spectrophotometer



Flexible Unit Control
Control via Touchscreen /
Computer / Smartphone /
Tablet



Battery Powered
Up to 8 hours
battery operation



**Sample Compression
Technology™**
Accurate determination
of e.g. nucleic acids /
proteins in 0.3 μ l



**True Path
Technology™**
Exact path lengths
with two fixed anchor
points. No drift over
lifetime







Limitless Spectroscopy Applications

flawless sample analysis

Get your free trial:
www.implen.de

NanoPhotometer® Model Comparison

	NP80	N60	N50	C40
Model	 Nanovolume + Cuvette	 Nanovolume	 Nanovolume	 Cuvette
Full Spectrum Scan	200 – 900 nm	200 – 900 nm	200 – 650 nm	200 – 900 nm
Detection Range	dsDNA: 1-16,500 ng/μl BSA: 0.03-478 mg/ml	dsDNA: 1-16,500 ng/μl BSA: 0.03-478 mg/ml	dsDNA: 5-7,500 ng/μl BSA: 0.15-217 mg/ml	dsDNA: 0.1-130 ng / μl BSA: 0.003-3.7 mg /ml
Path lengths	0.67 and 0.07 nm	0.67 and 0.07 nm	0.67 and 0.07 mm	10 mm
Touchscreen	Optional	Optional	Optional	Optional
Built-in Cuvette	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Built-in Vortex	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Built-in Battery Pack	Optional	Optional	<input type="radio"/>	Optional

DiluCell™



Automatic Dilution

DiluCell™ is especially designed for use with the NanoPhotometer® and OD600 DiluPhotometer™ for the analysis of bacterial and yeast cultures and Bradford protein assays. Due to the reduced path length DiluCell™ provides an automatic dilution without the need of a physical dilution of higher concentrated samples. The two different available versions DiluCell™ 10 and DiluCell™ 20 allow an automatic 1/10 and 1/20 dilution of the sample. Bypassing manual sample dilutions reduces dilution errors and cross contamination making DiluCell™ ideal for GLP. Combined with small sample volume requirements and bubble free filling, the DiluCell™ allows for convenient spectrophotometric analysis from 340 - 900 nm.

