Screen printing
With the screens of the sunstence® line NBT has improved the screen printing for the front side metallisation of silicon solar cells. To PCB production these screens open new perspectives for special fine line printing.

Plating and etching tool
The NBT suncup® is an innovative wet chemical tool for lab use and the transfer to production. It can be adapted to all kind of electroplating and wet etching processes. Main advantage is the single side processing with dry back side without any chuck.

Accessories
Stress analysing tube, illumination matrix, small volume test cell

HF-resistant screen printable paste
In cooperation with Marabu GmbH & Co. KG, NBT has developed a screen-printable resist, which is highly resistant to hydrofluoric acid (even in high concentrations) and various other aggressive media.

Chemicals for plating
NBT’s portfolio comprises electrolytes for different metals like nickel, copper, tin, silver and gold which are optimised for photovoltaic industry or MEMS and PCB applications.

Chemicals for etching
The seed layer for electroplating processes has to be patterned accurately. For this purpose, NBT provides special etching solutions, which offer minimized undercut and a wide spectrum of selectivity to numerous materials commonly used in the photovoltaic, MEMS and PCB production chain.