

# Work Station with Manual Probing Unit

Test Station for R & D and Offline Testing



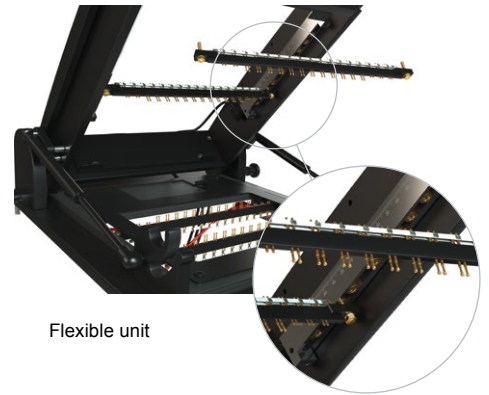
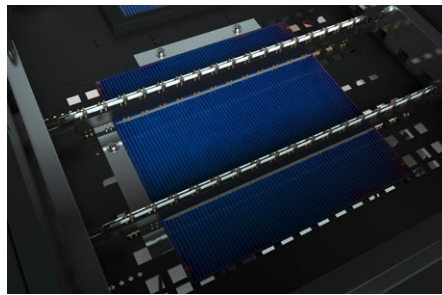
Adaptable for all kinds of cell geometries and contact layouts

**BERGER**  
Lichttechnik

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## Test Station for R & D and Offline Testing

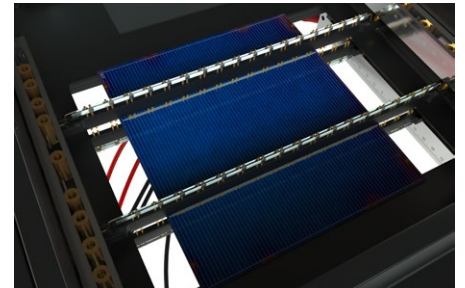
The work station with manual probing unit integrates the components of BERGER cell tester systems into a manual setup for offline and R&D use. This could be for special testing on selected cells from the production or creating daughter cells. It is also helpful for R&D if new process step parameters are evaluated. The Probing Unit is designed for easy maintenance and simple adjustment to different cell types. It is also available as a flexible unit for up to 6 bus bars. Customized probing units available (e.g. 4 busbar cells, back contact cells).



Flexible unit

### Product Specification

- › Integrates PSS 10 II or PSS 10 HE electronics into manual workstation
- › Aluminum profile system with integrated work bench
- › Aluminum chamber for stable test environment included
- › Working height app. 900 mm
- › Probing Unit suitable for cells up to 8" with 2 or 3 bus bars
- › Minimum of one current and one voltage pin per inch per bus bar
- › Also available as Probing Unit (flexible) with up to 6 bus bars for any bus bar layout through free pin holder placement and higher pin density
- › Customized probing units and contact rails with higher pin density available



### Technical Data

#### Work Station

**Weight:** approximately 60 kg

**Dimensions:** 2500 x 60 x 60 (H x W x L in mm)

#### Probing Unit

For Standard Cells up to 8"

Six contact rails with 14mm linear stroke included

Foot operated switch for start of measurements

Pins can be replaced with out soldering

Monitor Cell included

#### Probing Unit (flexible)

For Standard Cells up to 8"

10 contact rails with 14mm linear stroke included

Higher pin density probe bars

Foot operated switch for start of measurements

Pins can be replaced with out soldering

Monitor Cell included