

# Max8

## Blot Transfer System



**Fast, Uniform Protein Transfer for Western Blotting**

Designed for high-throughput Western blot workflows.



**Casting**

**GelMaster46**  
Gel Casting System



**Transfer**

**Max8**  
Blot Transfer System



**Processing**

**AutoBlot4**  
Blot Processor



**Imaging**

**SignalView CL**  
Imaging System

The **Max8 Blot Transfer System** combines the strengths of wet and semi-dry transfer technologies to deliver fast, uniform, and highly reproducible protein transfer in a fraction of the time required by conventional methods. Engineered for high-throughput laboratories, it supports parallel processing of multiple gels while maintaining exceptional transfer efficiency across a wide molecular weight range. With its user-friendly interface and streamlined workflow, the system reduces hands-on time and simplifies daily lab operations, empowering researchers to generate reliable data faster and with greater confidence.

KEY FEATURES



Flexible & Scalable Workflow

The Max8 features four independently controlled transfer stations that support the simultaneous processing of up to 8 mini gels, 4 midi gels, or any combination of the two, enabling efficient workflows for high-throughput laboratories.

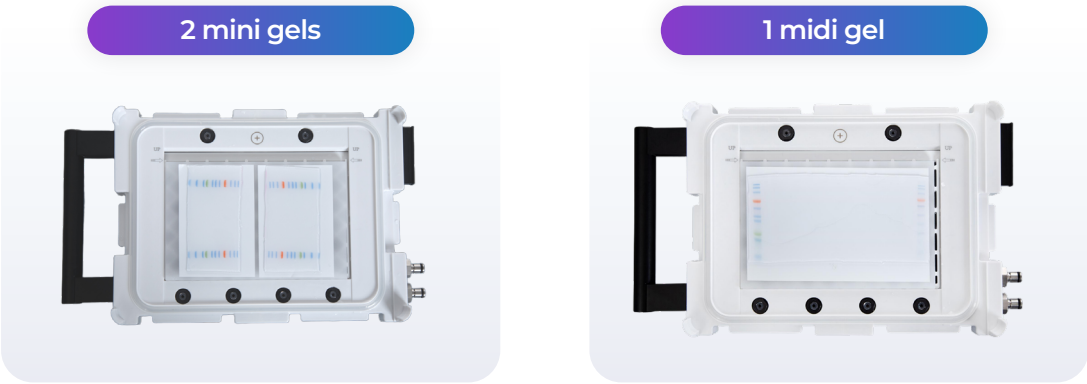


Figure 1: Flexible loading: 2 mini or 1 midi gel per station.



Ultra Fast & Efficient Transfer

Delivers high transfer efficiency across a wide range of protein molecular weights, with uniform and reliable performance comparable to traditional wet transfer.

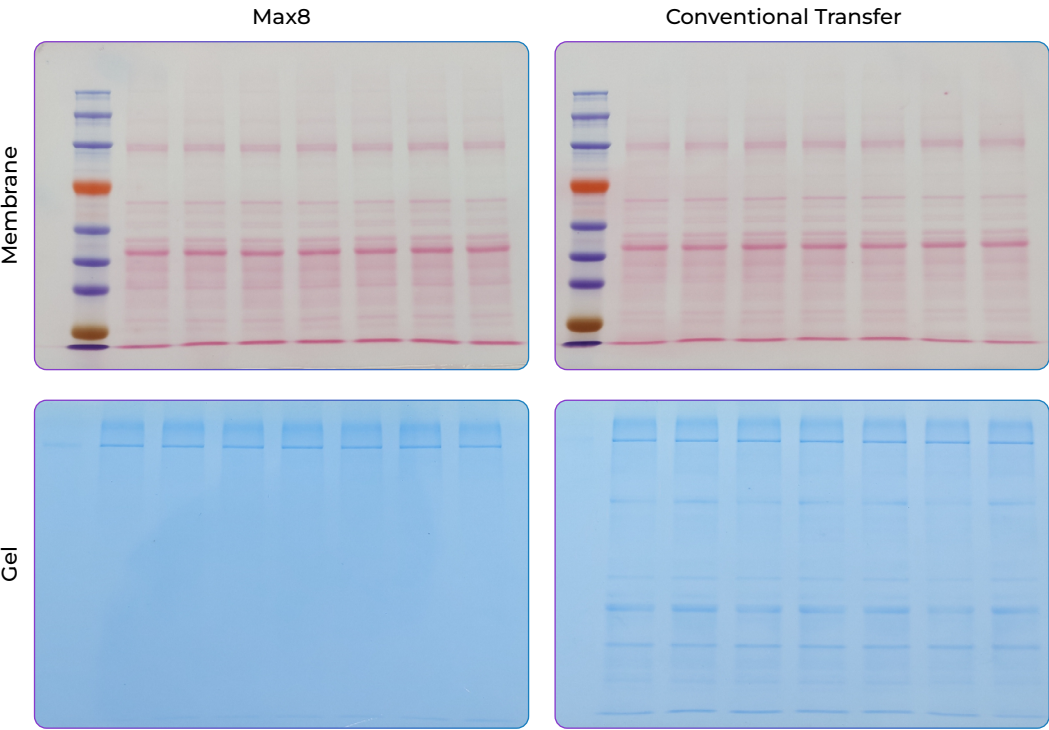
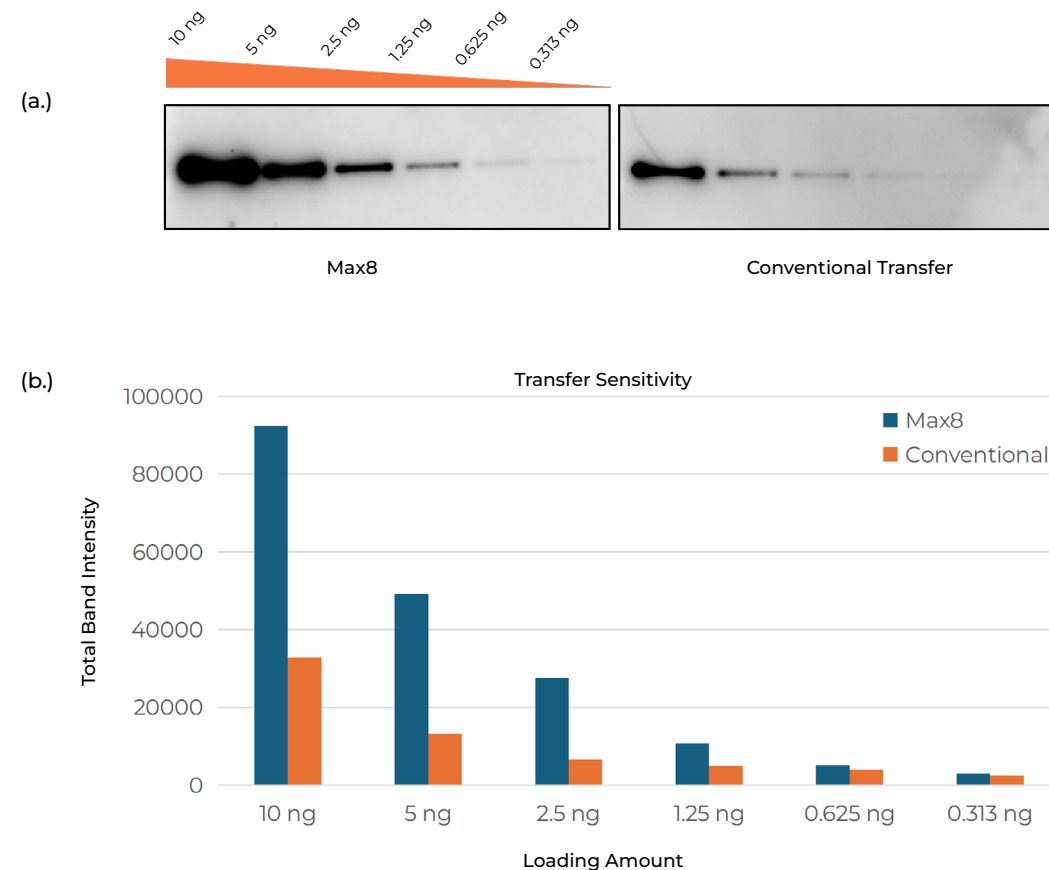


Figure 2: Protein Transfer Efficiency Comparison. Mouse muscle lysates (10 µg per lane) separated on a 10% Tris-Glycine gel (1.5 mm). Proteins were transferred using the Max8 system (Standard method, 15 min) or conventional wet transfer (300 mA, 60 min). Ponceau S-stained membranes and Coomassie-stained gels after transfer are shown.



## High Transfer Sensitivity

Enables sensitive detection of low-abundance proteins while maintaining uniform transfer performance across lanes, delivering 2.57× stronger average band intensity compared to conventional methods.



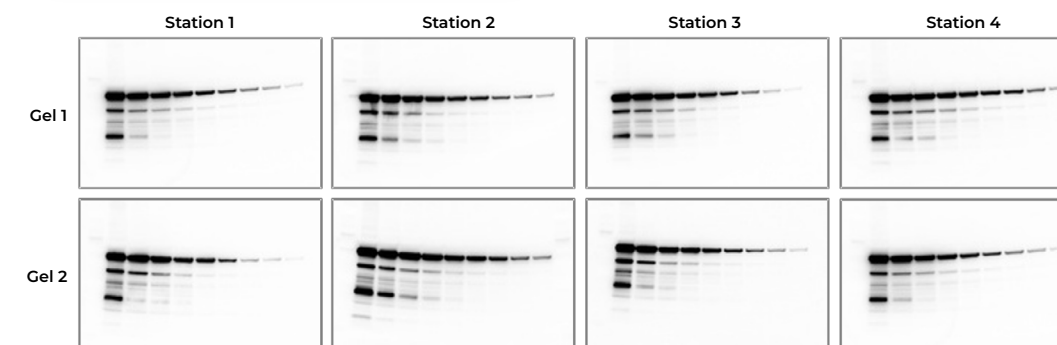
**Figure 3:** Protein Transfer Sensitivity Comparison. Recombinant GFP separated on a 4–20% Bis-Tris gel (1.0 mm, MOPS) with serial dilutions from 10 to 0.313 ng per lane. Proteins were transferred using the Max8 system (Fast method, 10 min) or conventional wet transfer (300 mA, 60 min) and detected by chemiluminescence using anti-GFP antibody (a). Quantification of sensitivity data is shown (b).



## Consistent Results & High Reproducibility

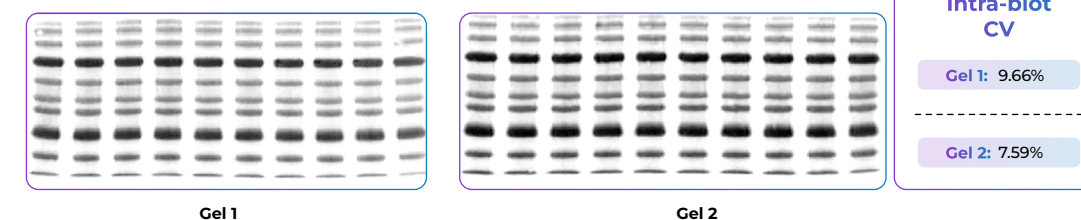
Demonstrates consistent transfer performance across four independent transfer stations when simultaneously processing two mini gels each.

### Station-to-station Consistency



**Figure 4:** Consistent Station-to-station Transfer. Mouse skeletal muscle lysates separated on a 4–20% Bis-Tris precast gel with serial dilutions from 10 to 0.039 µg per lane. Proteins were transferred using the Max8 system Standard method across four transfer stations and detected using HRP-conjugated anti-GAPDH antibody.

### Blot-to-blot Consistency

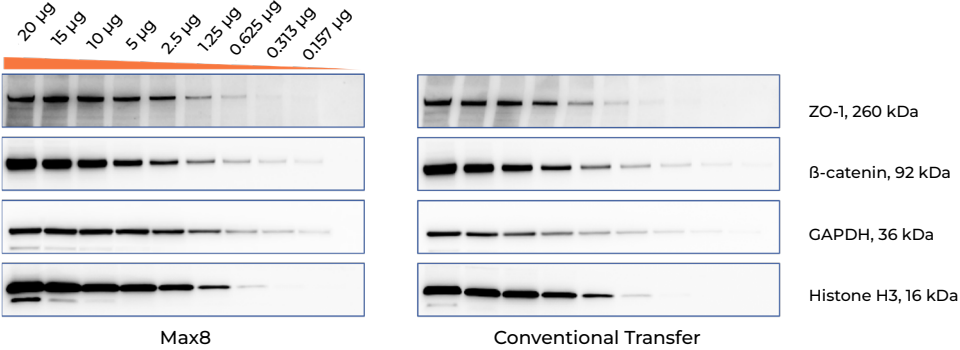


**Figure 5:** Highly Consistent Simultaneous Transfer. Equal amount of protein ladder was loaded in each well for SDS-PAGE separation, and the gels were transferred by the Max8 using the standard method. The system guarantees excellent blot-to-blot consistency even when processing two mini gels in the same station.



# Broad Molecular Weight Compatibility

Displays strong signal intensity and consistent transfer performance from low- to high-molecular-weight proteins, compared with conventional wet transfer or semi-dry transfer.

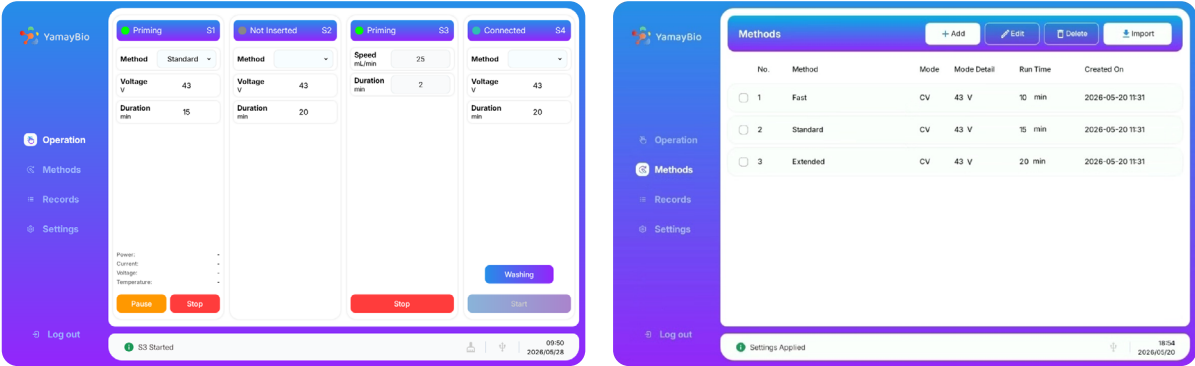


**Figure 6:** Broad Molecular Weight Protein Transfer Performance. PC12 cell lysates separated on a 4–20% Bis-Tris precast gel with serial dilutions from 20 to 0.157 µg per lane. Proteins were transferred using the Max8 system (Extended method, 20 min) or conventional wet transfer (300 mA, 90 min) and detected by chemiluminescence.



# Easy-To-Use Interface

Provides guided operation through an intuitive touchscreen interface, allowing for fast setup with minimal user training.



**Figure 7:** Software Interface. Screenshots of multiple settings running on different transfer stations (left) and method selection (right).

# Ordering Information



## Max Series Blot Transfer System and Accessories

| CAT. NO. | DESCRIPTION                              |
|----------|------------------------------------------|
| M8101    | Max8 Blot Transfer System                |
| M4101    | Max4 Blot Transfer System                |
| M8101A1  | Tubing Set (For Max Series)              |
| M8101A2  | Transfer Cassette (For Max Series)       |
| M8101A3  | Mesh Plate Set for Transfer Cassette, 2P |
| M8101A4  | Reagent Container, 5L                    |
| EICM0473 | Transfer Cassette Tray                   |
| EICM0070 | Incubation Box (S)                       |
| EICM0135 | Incubation Box (M)                       |



Max8



## Consumables and Reagents

| CAT. NO.  | DESCRIPTION                                                              |
|-----------|--------------------------------------------------------------------------|
| M8013     | Sponge Pad, 40P (For Max Series)                                         |
| PVDFMR022 | PVDF Membrane, 0.22 µm, 26.5 cm x 3.7 m, 1 Roll                          |
| BPM8022   | PVDF Membrane, 0.22 µm, Precut, 6 x 9 cm, 40P (For Max Series)           |
| MIDIBP022 | PVDF Membrane, 0.22 µm, Precut, 8.5 x 13.5 cm, 10P                       |
| NCMR022   | Nitrocellulose Membrane, 0.22 µm, 30 cm x 3.0 m, 1 Roll                  |
| BNM8022   | Nitrocellulose Membrane, 0.22 µm, Precut, 6 x 9 cm, 40P (For Max Series) |
| MIDIBNO22 | Nitrocellulose Membrane, 0.22 µm, Precut, 8.5 x 13.5 cm, 10P             |
| MS8134    | Transfer Buffer Instant Granules                                         |



# Specifications



| Feature                | Max8                                          | Max4                                          |
|------------------------|-----------------------------------------------|-----------------------------------------------|
| Dimensions (W x D x H) | 400 x 355 x 440 mm<br>(15.7 x 14.0 x 17.3 in) | 270 x 355 x 395 mm<br>(10.6 x 14.0 x 15.6 in) |
| Weight                 | 27 kg (59.5 lbs)                              | 17 kg (37.5 lbs)                              |
| Station                | 4                                             | 2                                             |
| Throughput             | 8 Mini Gels or 4 Midi Gels<br>Simultaneously  | 4 Mini Gels or 2 Midi Gels<br>Simultaneously  |
| Power Supply           | 100-240 V AC, 50/60 Hz                        | 100-240 V AC, 50/60 Hz                        |
| Status Indicators      | 3-Color System Status Light                   | 3-Color System Status Light                   |
| Operating Temperature  | 4-30 °C                                       | 4-30 °C                                       |

For research use only. Not for use in diagnostic procedures.



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