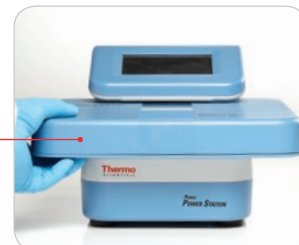




more power to you.



Thermo Scientific
Pierce Power Stainer



Thermo Scientific
Pierce Power Blotter



Thermo Scientific Pierce Power System

Do your protein staining and Western transfer steps with one fast and powerful system.

One power station + two cassettes = powerful possibilities.



the powerful **all-in-one system** for protein staining and **Western transfer**.

Discover the power to accomplish two essential protein detection steps with one efficient system. The new **Thermo Scientific™ Pierce™ Power System** saves hours in coomassie staining with the use of the staining cassette, and delivers rapid semi-dry transfer of proteins from polyacrylamide gels to nitrocellulose or PVDF membranes with the blotting cassette. Get your protein research moving faster with more productivity in one easy-to-use system.

- **High performance** – delivers coomassie stain and protein transfer results equivalent to or better than conventional staining and transfer methods
- **Fast** – efficiently stain or transfer protein gels in about 10 minutes
- **Easy** – intuitive color touch screen and pre-programmed methods for rapid protein stain and transfer makes processing easier than ever



Thermo Scientific Pierce Power Blotter

Combines high-performance protein transfer with speed, allowing for the fast and efficient transfer of proteins ranging in sizes from 10 to 300kDa from polyacrylamide gel to blotting membrane

- **Fast** – transfer proteins in 5-10 minutes
- **Efficient transfer** – transfer low-, medium- and high-MW proteins (10-300kDa) equivalent to or better than conventional semi-dry or wet transfer methods
- **Integrated power supply** – allows consistent high-efficiency protein transfer
- **Easy-touch programming** – access pre-programmed transfer protocols based on the number of gels, gel size and molecular weight range of proteins

Thermo Scientific Pierce Power Stainer

Designed for rapid coomassie staining of proteins in polyacrylamide gels and subsequent removal of unbound stain to give sharply stained protein bands with minimal or no background



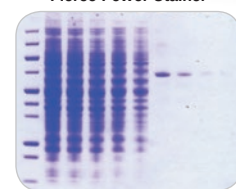
stain.

transfer.

- **Fast** – coomassie staining and destaining of proteins in about 10 minutes
- **Convenient** – simultaneously stain and destain 1-2 mini gels or 1 midi gel
- **Reliable performance** – delivers staining results that are equivalent to traditional staining techniques
- **Easy-touch programming** – intuitive LCD touchscreen interface includes pre-programmed protocols



Pierce Power Stainer



Total time: 11 minutes

1. Wash gel 1 × 5 minutes in H₂O
2. Power Stain/Destain gel, 6 minutes

Conventional Coomassie Stain



Total time: 230 minutes to overnight

1. Wash gel 3 × 10 minutes in H₂O
2. Incubate gel in coomassie stain* solution for 60 minutes
3. Wash gel 2 × 10 minutes in H₂O
4. Destain gel in destaining solution** for 3 × 20 minutes
5. Incubate gel in water for 60 minutes to overnight

*Coomassie stain solution: 45% Methanol, 10% Acetic Acid, 0.25% R-250 Coomassie

**Destain solution: 30% Ethanol, 5% Acetic Acid

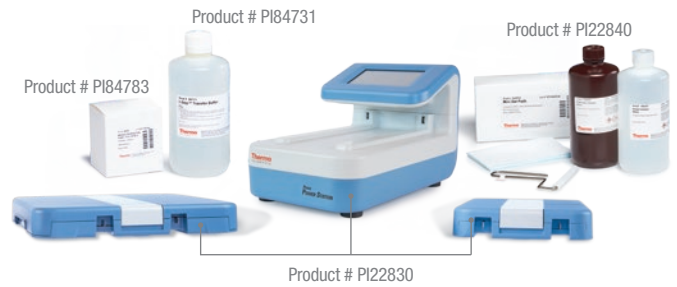
The Thermo Scientific™ Pierce™ Power Stainer enables rapid coomassie staining of proteins.

Low (<25kDa)	Mid (25-150kDa)	High (>150kDa)	Molecular weight range
Thermo Scientific™ Precise™ Protein Gel (Tris-glycine)	NuPage™ 4-12% Bis-Tris Gel	NuPage 4-12% Bis-Tris Gel	Gel type
Nitrocellulose	Nitrocellulose	PVDF	Membrane
Cyclophilin B (21kDa)	PLK-1 (67kDa)	mTOR (289kDa)	Target protein and size
			Pierce Power Blotter 10 minutes
			Trans-Blot™ Turbo 10 minutes
			Conventional Semi-Dry 1 hour
			Conventional Tank Overnight

The Thermo Scientific™ Pierce™ Power Blotter allows rapid transfers of low-, medium-, and high-molecular weight proteins.

Ordering Information

Product #	Description
PI22830SPCL	Pierce Power System Welcome Pack
	Pierce Power System, Product # PI22830
	Pierce Mini Gel Power Staining Kit, Product # PI22840
	Pierce 1-Step Transfer Buffer, 1L, Product # PI84731
	Western Blotting Filter Paper, 7cm x 8.4cm, 100 sheets, Product # PI84783



Product #	Description
PI22833SPCL	Pierce Power Stainer Welcome Pack
	Pierce Power Stainer, Product # PI22833
	Pierce Mini Gel Power Staining Kit, Product # PI22840



Product #	Description
PI22834SPCL	Pierce Power Blotter Welcome Pack
	Pierce Power Blotter, Product # PI22834
	Pierce 1-Step Transfer Buffer, 1L, Product # PI84731
	Western Blotting Filter Paper, 7cm x 8.4cm, 100 sheets, Product # PI84783



Product #	Description
PI62287SPCL	G2 Fast Blotter Protein Staining Upgrade Welcome Pack
	G2 Fast Blotter Protein Staining Upgrade Kit, Product # PI62287
	Pierce Mini Gel Power Staining Kit, Product # PI22840



request a demo

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