The designer of the 1200B: Ron Lane

The Industrial Electronics Model 1200B oscilloscope was designed by Ron Lane, who set up Industrial Electronics after the Second World War.

Industrial Electronics

- **Beginnings:** Ron Lane started in about 1945 in a small home workshop.
- **Grays Inn Road:** the firm then moved to 99 Grays Inn Road, London W.C.1, the address on the advertisement below.
- **East Sheen:** it later moved to East Sheen, London S.W.14, where the 1200B on this site was made.

The instruments

- **Model 1200B Oscilloscope:** £32 in the advertisement.
- **Model 1400B Visual Alignment Signal Generator:** £8 10s. It was a "wobulator": it showed the response curve of an IF or RF stage on the oscilloscope's screen, so a superhet receiver could be lined up by eye.
- **Model 2300 D.C. Oscilloscope:** a smaller instrument in a grey hammer-finish case.

No two 1200Bs seem to be quite the same. The family's own examples all differ slightly, so the circuit was clearly improved as production went on. That fits the maker's circuit diagram, which is marked Issue 4 (1954).



An Industrial Electronics advertisement: the Model 1200B oscilloscope (£32) and the Model 1400B Visual Alignment Signal Generator (£8 10s), from 99 Grays Inn Road, London W.C.1. Photo: Steve Lane.

© 2026 Project405 · project405.co.uk · CC BY-NC-SA 4.0: free for non-commercial use with credit; selling boards or kits by permission only
Photographs © Steve Lane, used with permission, are not covered by this licence.



Three 1200Bs from the Lane family, each slightly different. Photo: Steve Lane.



A Model 2300 D.C. Oscilloscope (left) beside a 1200B (right). Photo: Steve Lane.

© 2026 Project405 · project405.co.uk · CC BY-NC-SA 4.0: free for non-commercial use with credit; selling boards or kits by permission only
Photographs © Steve Lane, used with permission, are not covered by this licence.

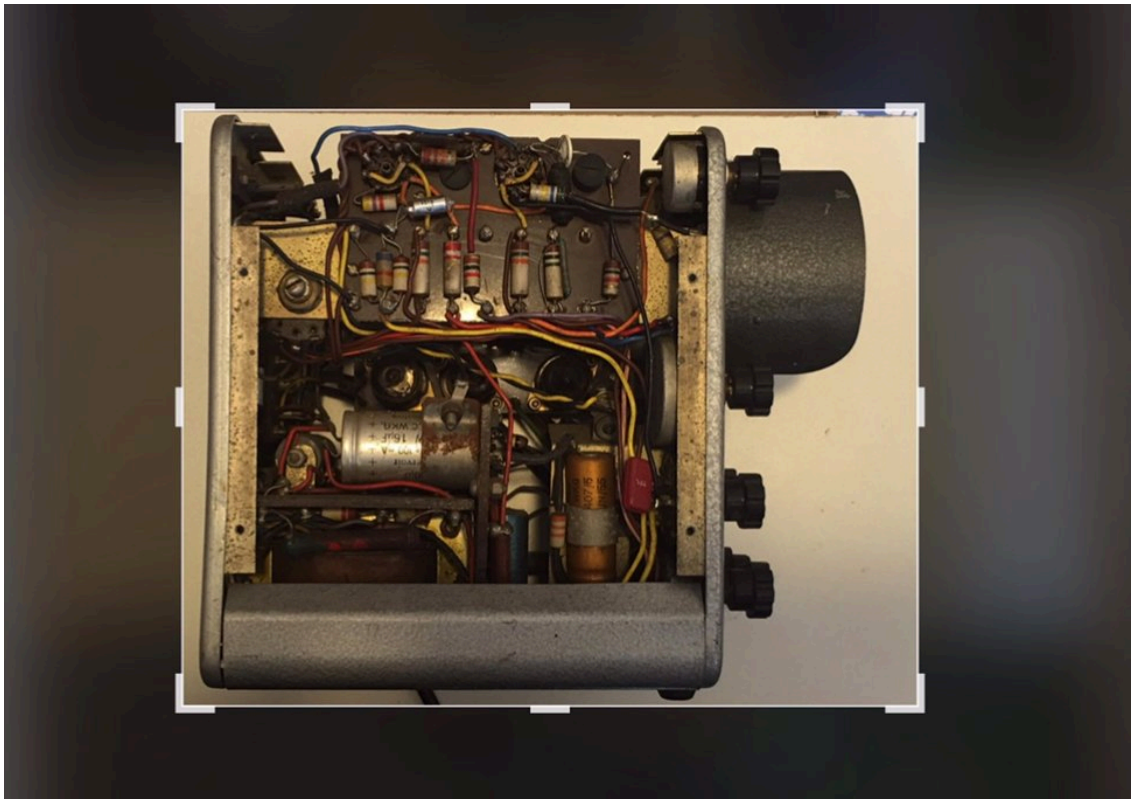


The Model 2300 D.C. Oscilloscope. Photo: Steve Lane.



The Model 2300 nameplate: Industrial Electronics, London S.W.14, D.C. Oscilloscope, serial number 0504. Photo: Steve Lane.

© 2026 Project405 · project405.co.uk · CC BY-NC-SA 4.0: free for non-commercial use with credit; selling boards or kits by permission only
Photographs © Steve Lane, used with permission, are not covered by this licence.



Inside an Industrial Electronics oscilloscope. The grey case and fluted knobs suggest a Model 2300. Photo: Steve Lane.

Thanks

Many thanks to Ron Lane's son, Steve Lane, who got in touch after seeing the 1200B restoration video. He kindly shared the family's history and photographs, and gave permission for them to appear here.

If you have an Industrial Electronics instrument, or paperwork for the 1400B or the 2300, please get in touch through the contact address on this site.

© 2026 Project405 (project405.co.uk). Licensed under CC BY-NC-SA 4.0: free to copy, build and adapt for non-commercial use, with credit to Project405, sharing changes on the same terms. Selling boards, kits or built units is by permission only (workshop@project405.co.uk). Material from others, credited where it appears, remains theirs.