C&B-Metabond® R&D

R&D Adhesive Luting Cement System by parkell®

THE STANDARD[1,2]

in Neuroscience and Brain Research Studies for Cementing **ANY** Substrate to Skull/Bone Including Metals

Trusted for Decades by Virtually All Top U.S. Neuroscience & Brain Research Institutes

This truly unique adhesive system has been invaluable to experiments and clinical trials conducted by esteemed researchers in neuroscience and related fields.

Unlike acrylics, which require an intermediate glue layer and can be messy and weak, C&B-Metabond® R&D creates a strong, durable, and stable bond between metals and skulls or bone without any extra steps, making it ideal for a wide range of neuroscience applications.

C&B-Metabond R&D is approved for dental use only in the United States (cleared by the U.S. FDA in 1995). However, it has been widely used for research and development purposes in elite universities and neuroscience research facilities and laboratories in the United States and around the globe. Some of these institutions include most Ivy League universities, Oxford University, the Cleveland Clinic, and the National Institutes of Health.

Don't just take our word for it — see the numerous citations on the next page that demonstrate the long-standing trust and reliability Parkell's C&B-Metabond R&D has gained in the scientific community. Once you try it we know you'll agree, there is nothing quite like it for adhesive stabilization.

See other side for example protocols using C&B-Metabond.

Item #	Product
S380-RD	**C&B-Metabond® R&D Adhesive Luting Cement System** • (1) "B" Quick Base (10 ml) • (1) Catalyst (0.7 ml) • (1) Radiopaque L-Powder (5 gm) • (1) Clear L-Powder (3 gm) • (50) Adjustable Applicator Brushes • (100) Disposable Applicator Brush Tips • (1) Ceramic Mixing Dish w/ Thermometer • (1) Mixing & Application Accessory Kit

EN-EU-0524

ACCESSORIES & REFILLS

Item #	Product
S398-RD	"B" Quick Base (10 ml)
S371-RD	Catalyst (0.7 ml)
S396-RD	Radiopaque L-Powder (5 gm)
S399-RD	Clear L-Powder (3 gm)

Item #	Product
S379-RD	(50) Adjustable Applicator Brushes
S377-RD	(100) Disposable Applicator Brush Tips
S387-RD	(1) Ceramic Mixing Dish w/ Thermometer
S393-RD	(1) Liquid Universal Dentin Activator

1. *Allen Institute for the Brain, A Standardized Head-Fixation System for Performing Large-Scale, In Vivo Physiological Recordings in Mice, Journal of Neuroscience Methods 346 (2020) 108922*
2. *International Brain Laboratory Protocol: 2020. Appendix 1: IBL protocol for headbar implant surgery in mice, v4.*

For information and orders in Europe:
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Example Research and Protocols Using C&B-Metabond® (Parkell, Inc.):

1. Allen Institute for the Brain, A Standardized Head-Fixation System for Performing Large-Scale, In Vivo Physiological Recordings in Mice, Journal of Neuroscience Methods 346 (2020) 108922
2. International Brain Laboratory Protocol: 2020. Appendix 1: IBL protocol for headbar implant surgery in mice, v4.
3. Durand et al. (2023). Acute head-fixed recordings in awake mice with multiple neuropixels probes. NATURE PROTOCOLS, vol. 18, 424-457. https://doi.org/10.1038/s41596-022-00768-6.
4. Diehl et al. (2023). Differential processing of decision information in subregions of rodent medial prefrontal cortex. eLife 12:e82833. https://doi.org/10.7554/eLife.82833
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