

# Purionon® Cleaners

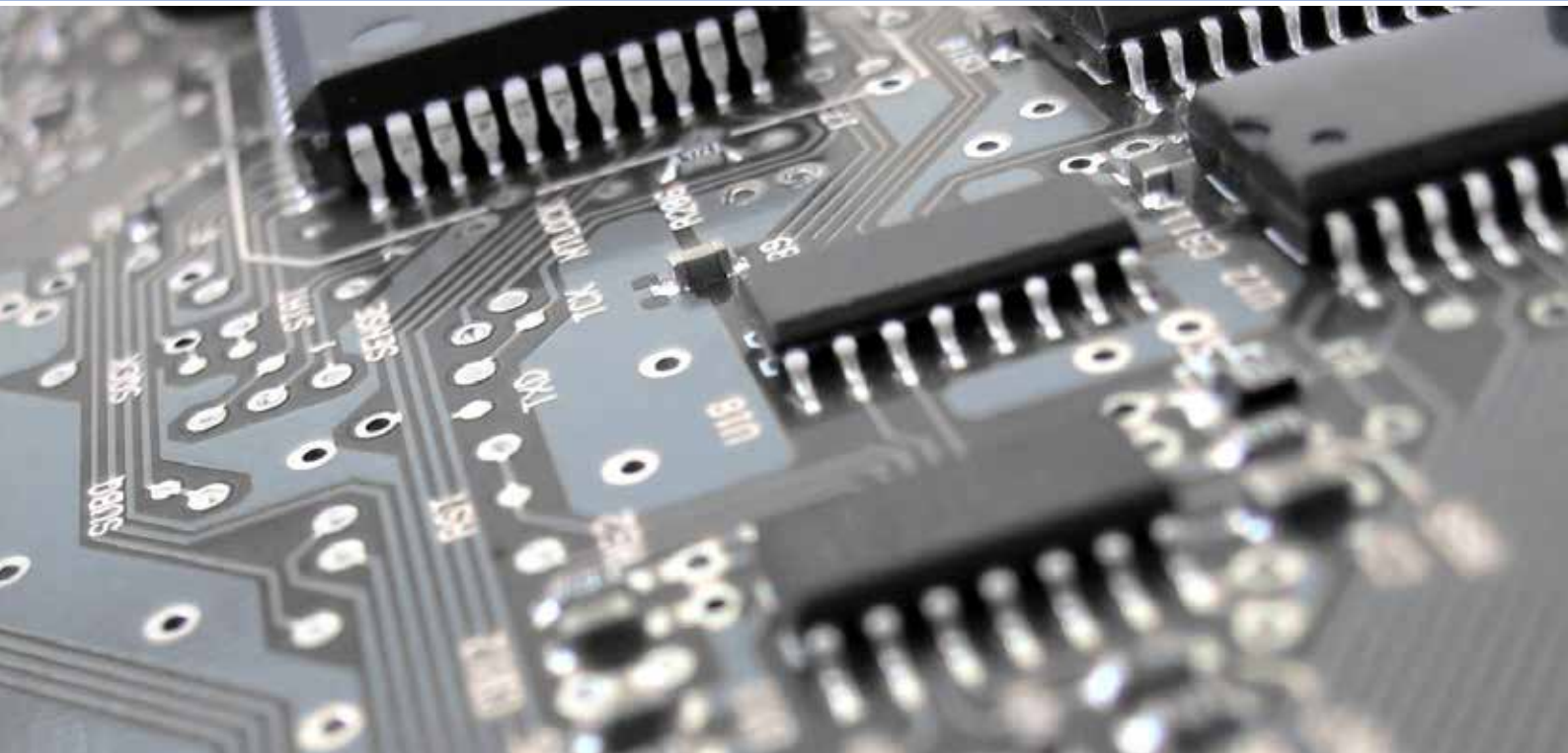
A family of high speed cleaners



Electronics

Functional electronic coatings

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## Purionon® RTR



### Bestseller

Most versatile no foam cleaner. Perfect reel to reel cleaner in soak, anodic and cathodic mode

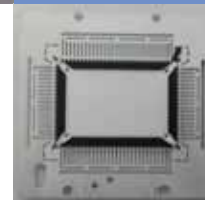
## Purionon® LF



### Universal cleaner

For copper, copper alloys and steel leadframes

## Purionon® NP



### Phosphate free

No foam cleaner that effectively prohibits the redeposition of iron

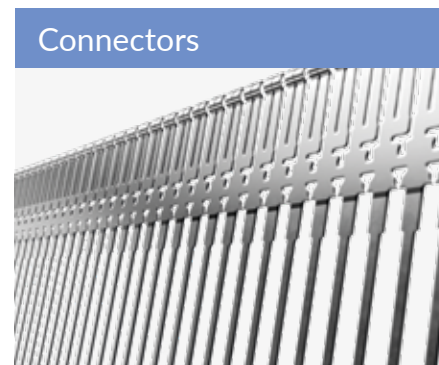
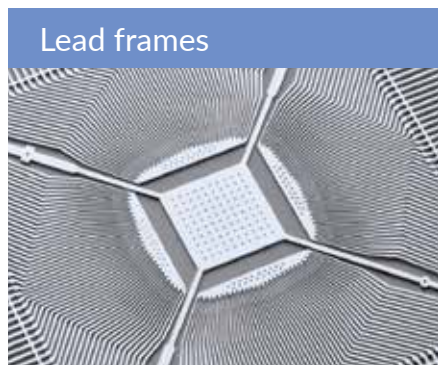
## Purionon® cleaners

- Alkaline cleaners for reel to reel or strip to strip lines
- Specifically developed for copper, copper alloys and steel
- Qualified for a variety of applications such as connectors, lead frames, cables, switches etc.
- Effective removal of scale, fingerprints and oils
- Ideally combined with Uniclean 405 and ultra sonic for maximum cleaning effect
- Available as phosphate and borate free versions
- Available as low or no foam versions

# Purionon<sup>®</sup> high speed cleaners

Product	Purionon <sup>®</sup> RTR	Purionon <sup>®</sup> LF	Purionon <sup>®</sup> NP
Soak cleaner	Yes	Yes	Yes
Anodic cleaner	1 - 3 ASD*	1 - 3 ASD	1 - 3 ASD
Cathodic cleaner	4 - 10 ASD	4 - 10 ASD	4 - 10 ASD
Ultra sonic	Yes	Yes	Yes
Foaming	No	Some	No
pH	> 13	> 13	> 13
Treatment time s	1 - 30	1 - 30	1 - 30
Equipment type	Reel to reel	Reel to reel and strip to strip	Reel to reel
Cutting edge	Qualified by major connector, cable, switches and lead frame manufacturers and many more industries	Universal cleaner	Phosphate free; reduced corrosion of steel anodes and effective suppression of iron redeposition

\* ASD = A/dm<sup>2</sup>



and many more

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