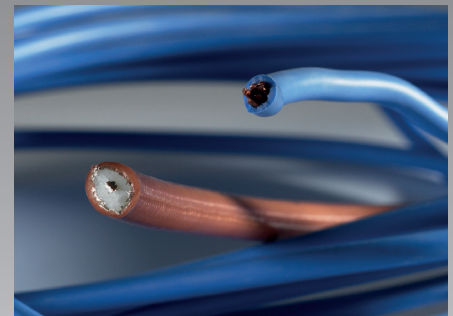
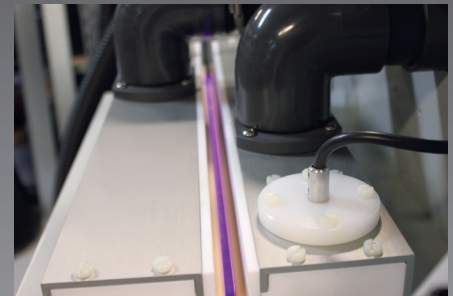
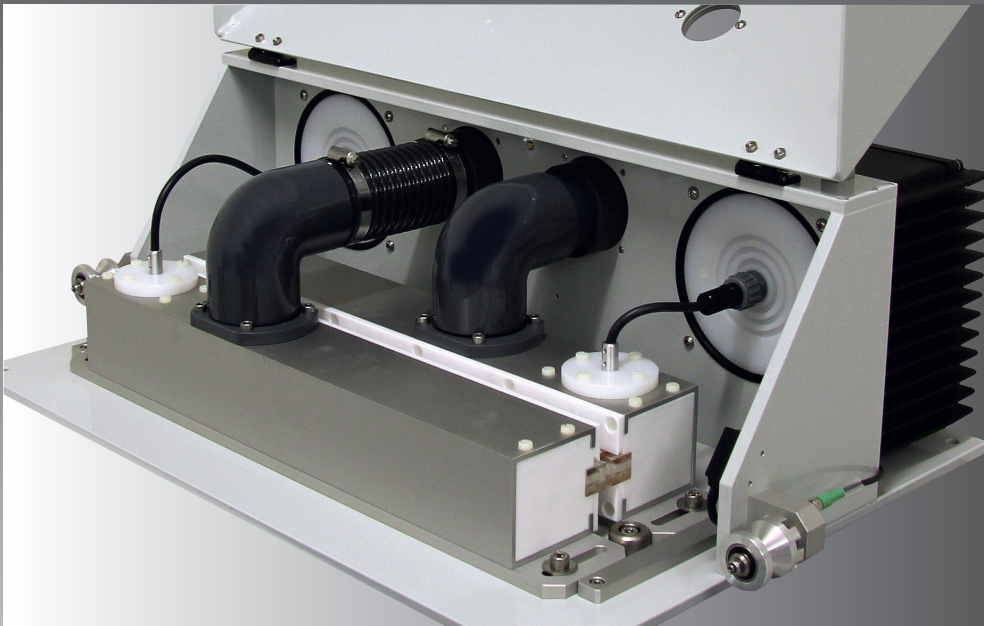


Product Information

CableTEC – Corona Treatment of Cables



CableTEC

Standard and Customised CoronaTreaters

The purpose of surface treatment of polymer based materials is to increase surface wettability through electrical discharge. The low surface energy of polymer based substrates often leads to poor adhesion of inks, glues and coatings. To obtain optimum adhesion, it is necessary to increase the surface energy of the substrate to just above that of the material to be applied. Surface treatment with corona results in improved surface adhesion properties.

The CableTEC is a unique and cost effective method for modifying polymer cable insulations (PE, PP, and PTFE), resulting in adhesion property optimization of printing inks and coatings onto the cable. The in-line treating system has been specifically designed by Tantec to facilitate easy installation to new or existing production lines.

A complete system includes; high frequency generator, high voltage transformer, air-cooled electrodes, ozone filter and a customized stand alone or bench-top treating station. CableTEC conforms to CE regulations and carries the CE-marking.

TECHNICAL DATA

Features:

360° non-contact treatment

Treatment of standard cable, tubes and profiles

Fully shielded treating station

Zero-speed control

Integrated "watt-density" control

High-speed treatment

Available for "hard to treat materials"

TechnicalData

Plasma & Corona Treaters

gluing bonding coating
adhesion adhesion
coating bonding
gluing bonding coating

Features:

360° non-contact treatment

Harmless to products

Treatment of standard cable

Diameters from 0.5 – 8 mm. Others upon request

Fully shielded treating station

Complying with CE regulations

Zero-speed control

For automatic start/stop of treatment

Integrated "watt-density" control

Ensures uniform treatment at changing line-speed

High-speed treatment

Up to 600 m/min. depending on insulating material

Available for "hard to treat materials"

Treatment of material such as Teflon and cross linked polymers

Technical Specifications	CableTEC
Mains voltage and frequency	230 VAC 50/60 Hz
Output voltage	2 x 13 Kv/max. 2000 Watt
Power supply	HV-X generator series
Line-speed	Max. 600 m/min
Treatable materials	PP, PE and others
System type	Table top for full integration
Exhaust	Ozone filter system
Regulation compliance	CE - RoHs - WEEE

tantec 