

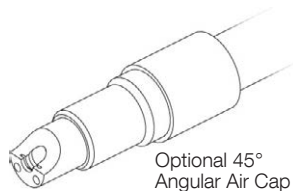
Product Data Sheet

Metco 3XT and Metco 5XT Extension Modules for Combustion Wire Spray Guns

Oerlikon Metco extension modules extend the versatility of Oerlikon Metco combustion wire spray guns by permitting coating of interior bore diameters and surfaces. Designed as an accessory for Metco™ 16E series and Metco 5K series guns, each of these extensions is of rugged and sturdy construction. These extension modules directly replace the standard combustion wire gun's air cap, air cap body, siphon plug assembly and seal.

1 General Description

Metco 3XT and Metco 5XT series extension modules have a built-in siphon plug and utilize the gun hardware the customer already possesses for their Metco 16E series or Metco 5K series wire combustion gun, including high performance jetted nozzles and air caps. Standard gun hardware can be used to spray at an angle of 0° (straight ahead). An optional 45° angular air cap is available for the 3XT extension modules.



For best coating results and stability while spraying, guns with extensions should be machine-mounted.

Extension modules can be configured for use with all 2.3 mm (11 gauge) and 3.175 mm (1/8 in) combustion wire materials and can also be used with many 4.76 mm (3/16 in) wires.

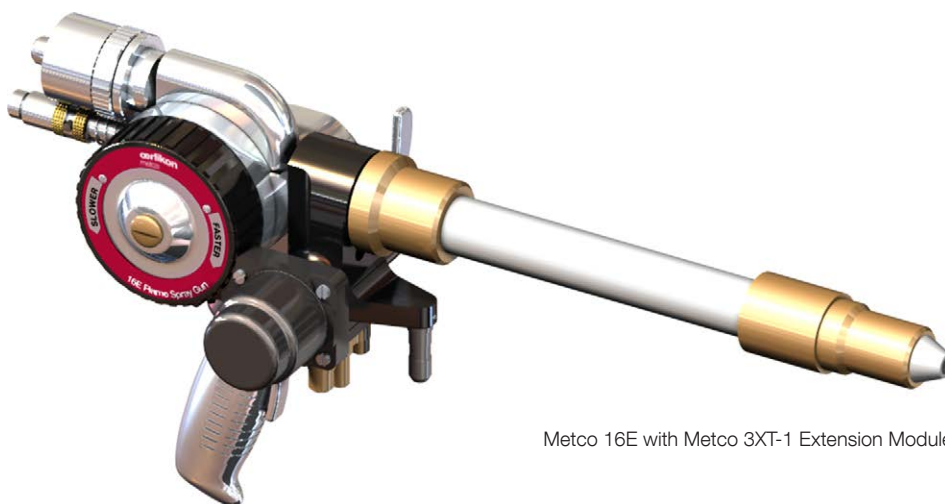
Extension modules are available in four lengths:

5XT-6:	152.5 mm	(6 in)
3XT-1:	305 mm	(1 ft)
3XT-2:	610 mm	(2 ft)
3XT-3:	915 mm	(3 ft)

As supplied, extension modules use acetylene or hydrogen as the fuel gas. With the exception of the Metco 5XT-6, extension modules can use manufactured gas, propane or natural gas using optional hardware purchased separately.

2 Features and Benefits

- Cost effective: extends the capability of an existing Metco 16E or Metco 5K series wire combustion gun
- Simple to use: easily attaches and detaches from the wire combustion gun
- Rugged design: built for long service life and minimal maintenance
- Flexible wire choices: can be configured for use with hard or soft wires in a variety of diameters
- Flexible fuel gas choices: to suit plant operational requirements and economics
- O-ring seal between nozzle and siphon plug: ensures safe and reliable operation and simplifies gun maintenance
- Simple to maintain: uses the same nozzle and air caps as Metco 16E and Metco 5K series combustion wire guns



Metco 16E with Metco 3XT-1 Extension Module

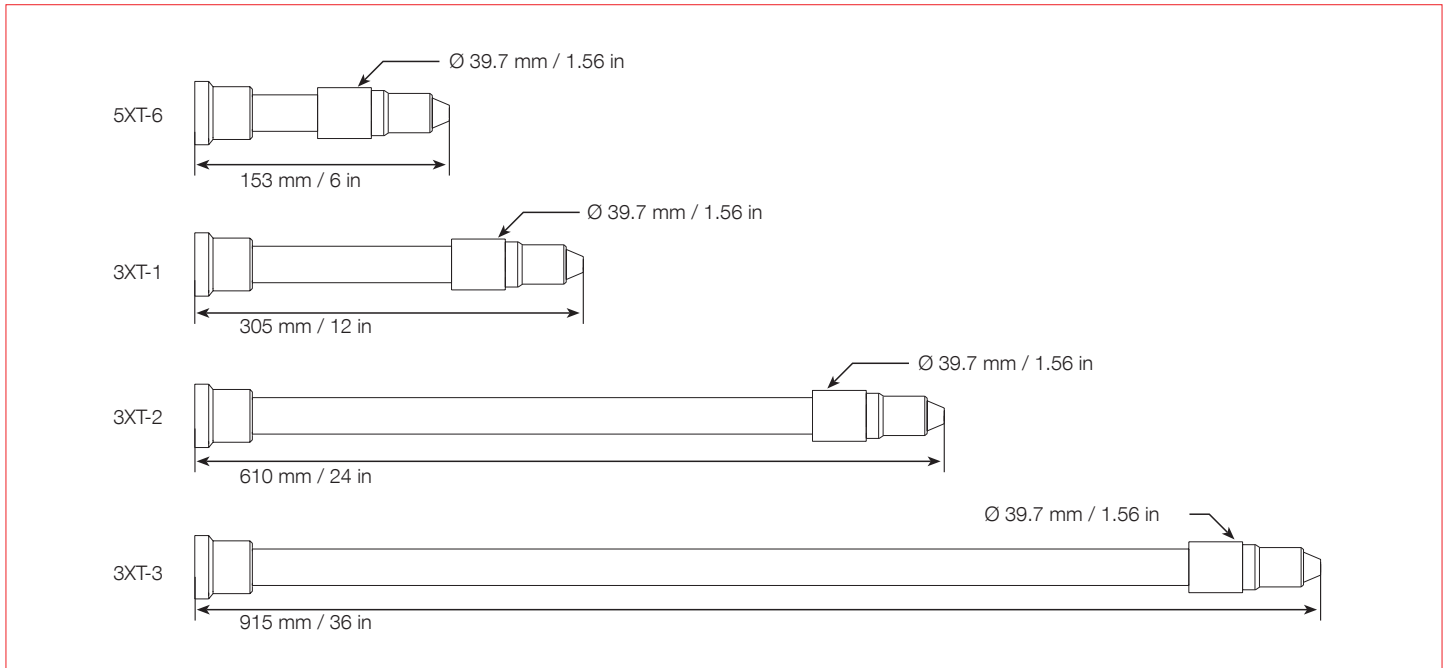
3 Accessories and Options

Oerlikon Metco options allow configuration of our wire combustion guns and extension modules for use in a wide number of coating applications and to suit specific production requirements. These include drive rolls and gears, hoses, nozzles, siphon plugs and wire guides.

Air caps are available to achieve various spray patterns and angles. For a complete list of optional parts and spare parts, please refer to the parts lists section of the reference manual.

4 Technical Data

4.1 Dimensions



4.2 Specifications

Fuel Gas Compatibility

Metco 3XT series	Acetylene, Hydrogen, Propane, MPS, MAPP, Natural Gas (methane)
Metco 5XT-6	Acetylene, Hydrogen

Gun Compatibility

Oerlikon Metco Wire Combustion Guns	Metco 16E / Metco 16E-H
	Metco 5KE / Metco 5K-6C / Metco 5KE-6CE
	Metco EGD-K

Spray Angles

Metco 3XT series	0° (standard)
	45° (with optional angular air cap)
Metco 5XT-6	0° (standard)

Information is subject to change without prior notice.