

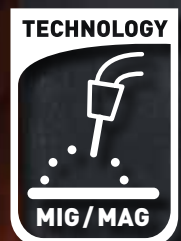


MIG/MAG

Fume Extraction Torches

The extraction of welding fumes at the source!

**SMALLER.
LIGHTER.
HANDIER.**



The fume extraction torches from Merkle:

SMALLER LIGHTER HANDIER

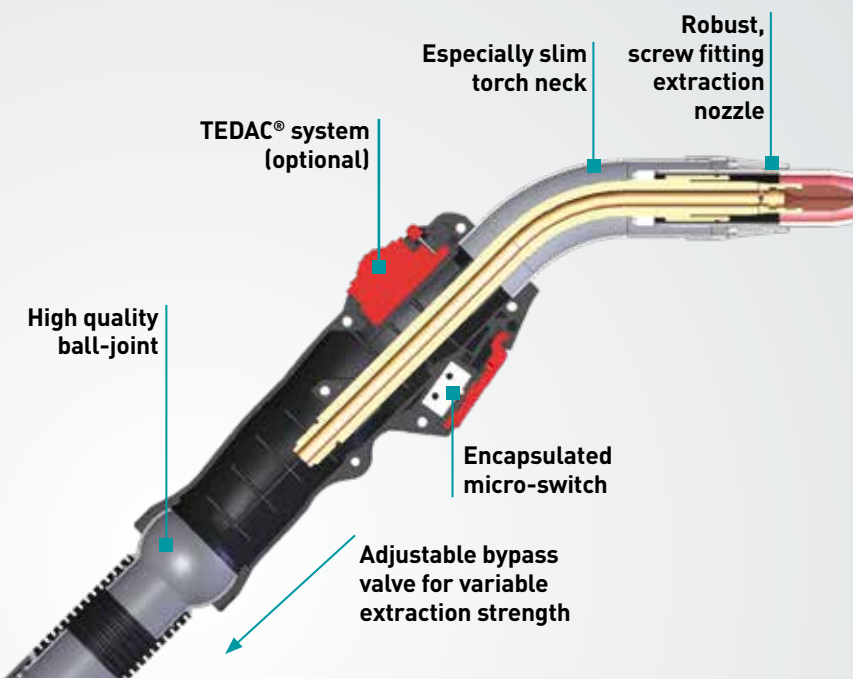


All types of welding generate fumes and pollutants that are dangerous to human health and the environment. Among the various systems currently available for fume extraction at the workplace, fume extraction torches are the friendliest to health, and the most effective.

To extract the welding fumes directly at the source of generation sounds convincing: And yet, all of the currently available extraction torches on the market are generally rejected by welders, who are instead, prepared to take the health risks associated with welder's lung.

The reasons are obvious: too large, too bulky, too heavy and too unwieldy are the most common statements. But now there's an alternative!

The extremely slim yet robust torch body of the Merkle fume extraction torch has an outside diameter of only 30 mm (gas cooled), and only 34 mm in the water cooled version. This opens up completely new possibilities for efficient, health protecting welding, even in the most confined spaces.



■ Gas cooled, model RSB/T 351 G

Mixed gas: 250 A 60 % duty cycle
CO₂: 280 A 60 % duty cycle

■ Water cooled, model RSB/T 503 W

Mixed gas: 400 A 60 % duty cycle
CO₂: 450 A 60 % duty cycle



- Compact design with robust slim torch head and extraction tube made of steel
- High quality ball-joint integrated into the torch handle for maximum flexibility
- Ergonomically shaped torch handle for perfect handling
- Both gas and water cooled versions are available with the optional TEDAC® system
- Regulation of the extraction volume via bypass control in the hose package is available when welding in confined spaces
- All consumable parts are identical with the non-extraction (standard) type torches
- Ø 36 mm connection coupling for connection to all standard extraction units
- In accordance with professional regulation authorities



**Standard welding torch:
strong fume production!**



**Merkle fume extraction torch:
perfect extraction of fumes!**



07/2012

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- MIG/MAG Welding Units
- Synergic Pulse Welding Units
- TIG Welding Units
- MMA / Stick Electrode Welding Units
- Plasma Welding and Cutting Units
- Turntables and Roller Drive Units
- Welding and Cutting Torches
- Automation Components and Solutions
- Merkle Robotics



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