

# OPERATING INSTRUCTIONS

## Reflux Extractor

### 45-3855

<p><b>ELE International</b> Chartmoor Road, Chartwell Business Park Leighton Buzzard, Bedfordshire, LU7 4WG England phone: +44 (0) 1525 249200 fax: +44 (0) 1525 249249 email: <a href="mailto:ele@eleint.co.uk">ele@eleint.co.uk</a> <a href="http://www.ele.com">http://www.ele.com</a> ELE International, a division of Hach Lange Ltd.</p>	<p><b>Distributor:</b></p>	<p><b>ELE International</b> Soiltest Product Division PO Box 389, Loveland, CO 80539 USA phone: +1 (800) 323 1242 fax: +1 (970) 663 9781 email: <a href="mailto:soiltest@eleusa.com">soiltest@eleusa.com</a> <a href="http://www.eleusa.com">http://www.eleusa.com</a></p>
<p><i>In the interests of improving and updating its equipment, ELE reserves the right to alter specifications to equipment at any time</i> <b>ELE International 2008 ©</b></p>		

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## 1. Safety

- 1.1 **This equipment is suitable for working ONLY with non-flammable and non-explosive materials. The use of the equipment with flammable or explosive materials will create fire or explosions. ELE International assumes no liability for any damage to property or personnel caused by the non-compliance of these instructions.**
- 1.2 Read the following instructions carefully as they provide useful safety information regarding installation, use and maintenance to help avoid mishaps and possible accidents.
- 1.3 Remove the packing and make sure that the appliance is intact, with special attention to the supply cable.
- 1.4 If in doubt, do not use the appliance and seek assistance from ELE.
- 1.5 Before connecting the appliance make sure that the mains voltage corresponds to the data specified on the label. The appliance can be damaged if the voltage is not correct.
- 1.6 If the plug does not suit the socket, it should be replaced with another suitable plug by qualified personnel only, who should also ensure that the cable is suitable for local power ratings.
- 1.7 Do not use the appliance if the cable or plug show any signs of damage.
- 1.8 Do not use the appliance after failure. In this case, switch the appliance off and refer to ELE's service department for repair and spare parts. Failure to follow these instructions may impair the safety of your appliance and invalidate the warranty.
- 1.9 This appliance should only be used for its intended purpose. Any other use is improper and dangerous. ELE International cannot be held responsible for any damage arising from improper use.
- 1.10 To protect against electric shock, do not immerse cord, plug, or any parts of the appliance into water or other fluids.
- 1.11 Do not use the appliance near explosives, highly flammable materials, gases or flames.
- 1.12 Do not touch the appliance with wet hands.
- 1.13 Never use any accessories other than those provided. The use of accessory attachments not recommended by ELE may cause hazard or injury.
- 1.14 Do not let the cord hang over the edge of the work surface or touch hot surfaces.
- 1.15 Unplug the appliance when not in use, before putting on or taking off parts, and before cleaning. Allow to cool before cleaning.

## 2. Power Supply

### *Electrical safety*

**Warning:** Before removing any covers or performing maintenance repair and service, isolate from electrical supply by removing mains plug. Where mains supply is required during these activities, only competent persons should perform the work. Check that the power supply is compatible with the requirements stated on the label and connect in accordance with IEE regulations or to local requirements.

The power cable is coded as follows: -  
Brown wire           L       Live or Power  
Blue wire            N       Neutral  
Green/Yellow wire   E       Earth or Ground

**Note:** exercise extreme caution when using the machine with wet hands. Dry hands before operating machine.

#### **Portable Appliance Tests (PAT)**

All ELE designed products are tested for electrical safety prior to sale. An electrical safety test label is fitted, (usually adjacent to the mains input socket). Should no label be found, please contact ELE Service Department quoting the serial number of the equipment.

Organisations have an obligation to ensure equipment is maintained and is safe for use. Regular PAT testing is one means of ensuring equipment continues to be electrically safe.

**Important: do not connect PAT leads to sensitive components such as PCBs, control switches and the like.**

**DO NOT FLASH TEST ELECTRONIC EQUIPMENT.**

**If in doubt as to the most suitable connection point (which will usually be an earth stud or an external earth connection) contact ELE Service Department for assistance.**

### **3. Instructions for Use**

- 3.1 It is recommended the user follow relevant Standards for all test procedures.
- 3.2 Carefully weigh the asphalt mix (2-3 kg maximum) and place it into the basket.
- 3.3 Pour 600-700 ml of trichloroethylene into the glass container.
- 3.4 Place the basket support ring on the edge of the glass container and introduce the basket.
- 3.5 Replace the cooling cover and connect two rubber tubes (inlet/outlet) to allow circulation of cold water.
- 3.6 Place the glass container on the heating plate and heat the trichloroethylene to boiling point. Adjust heating in order to maintain boiling of the trichloroethylene so it evaporates and condenses on the cooling cover from where it drops into the baskets.
- 3.7 The asphalt material dissolves and disintegrates : the bitumen, with the trichloroethylene and part of the filler, passes through the basket mesh into the boiling trichloroethylene. When the drops appear light in colour, the extraction operation is complete.

### **4. Cleaning and Maintenance**

Always disconnect the electric cable from the mains before cleaning. Enamelled and painted surfaces can be cleaned with a weak cleaning solution and damp cloth. The hot plate should be cleaned occasionally with wire wool and protected from corrosion.

## DIRECTIVE ON WASTE ELECTRICAL & ELECTRONIC EQUIPMENT (WEEE)



Electrical equipment marked with this symbol may not be disposed of in European public disposal systems after 12 August of 2005. In conformity with European local and national regulations (EU Directive 2002/96/EC), European electrical equipment users must now return old or end-of life equipment to the Producer for disposal at no charge to the user.

**Note:** For return for recycling, please contact the equipment producer or supplier for instructions on how to return end-of-life equipment for proper disposal.

**Important document. Retain with product records.**

### GERMAN

Elektrogeräte, die mit diesem Symbol gekennzeichnet sind, dürfen in Europa nach dem 12. August 2005 nicht mehr über die öffentliche Abfallentsorgung entsorgt werden. In Übereinstimmung mit lokalen und nationalen europäischen Bestimmungen (EU-Richtlinie 2002/96/EC), müssen Benutzer von Elektrogeräten in Europa ab diesem Zeitpunkt alte bzw. zu verschrottende Geräte zur Entsorgung kostenfrei an den Hersteller zurückgeben.

**Hinweis:** Bitte wenden Sie sich an den Hersteller bzw. an den Händler, von dem Sie das Gerät bezogen haben, um Informationen zur Rückgabe des Altgeräts zur ordnungsgemäßen Entsorgung zu erhalten.

**Wichtige Informationen. Bitte zusammen mit den Produktinformationen aufbewahren.**

### FRENCH

A partir du 12 août 2005, il est interdit de mettre au rebut le matériel électrique marqué de ce symbole par les voies habituelles de déchetterie publique. Conformément à la réglementation européenne (directive UE 2002/96/EC), les utilisateurs de matériel électrique en Europe doivent désormais retourner le matériel usé ou périmé au fabricant pour élimination, sans frais pour l'utilisateur.

**Remarque :** Veuillez vous adresser au fabricant ou au fournisseur du matériel pour les instructions de retour du matériel usé ou périmé aux fins d'élimination conforme.

**Ce document est important. Conservez-le dans le dossier du produit.**

### ITALIAN

Le apparecchiature elettriche con apposto questo simbolo non possono essere smaltite nelle discariche pubbliche europee successivamente al 12 agosto 2005. In conformità alle normative europee locali e nazionali (Direttiva UE 2002/96/EC), gli utilizzatori europei di apparecchiature elettriche devono restituire al produttore le apparecchiature vecchie o a fine vita per lo smaltimento senza alcun costo a carico dell'utilizzatore.

**Nota:** Per conoscere le modalità di restituzione delle apparecchiature a fine vita da riciclare, contattare il produttore o il fornitore dell'apparecchiatura per un corretto smaltimento.

**Documento importante. Conservare con la documentazione del prodotto.**

### DANISH

Elektriske apparater, der er mærket med dette symbol, må ikke bortskaffes i europæiske offentlige affaldssystemer efter den 12. august 2005. I henhold til europæiske lokale og nationale regler (EU-direktiv 2002/96/EF) skal europæiske brugere af elektriske apparater nu returnere gamle eller udtjente apparater til producenten med henblik på bortskaffelse uden omkostninger for brugeren.

**Bemærk:** I forbindelse med returnering til genbrug skal du kontakte producenten eller leverandøren af apparatet for at få instruktioner om, hvordan udtjente apparater bortskaffes korrekt.

**Vigtigt dokument. Opbevares sammen med produktdokumenterne.**

## SWEDISH

Elektronikutrustning som är märkt med denna symbol kanske inte kan lämnas in på europeiska offentliga sopstationer efter 2005-08-12. Enligt europeiska lokala och nationella föreskrifter (EU-direktiv 2002/96/EC) måste användare av elektronikutrustning i Europa nu återlämna gammal eller utrangerad utrustning till tillverkaren för kassering utan kostnad för användaren.

**Obs!** Om du ska återlämna utrustning för återvinning ska du kontakta tillverkaren av utrustningen eller återförsäljaren för att få anvisningar om hur du återlämnar kasserad utrustning för att den ska bortskaffas på rätt sätt.

**Viktigt dokument. Spara tillsammans med dina produktbeskrivningar.**

## SPANISH

A partir del 12 de agosto de 2005, los equipos eléctricos que lleven este símbolo no deberán ser desechados en los puntos limpios europeos. De conformidad con las normativas europeas locales y nacionales (Directiva de la UE 2002/96/EC), a partir de esa fecha, los usuarios europeos de equipos eléctricos deberán devolver los equipos usados u obsoletos al fabricante de los mismos para su reciclado, sin coste alguno para el usuario.

**Nota:** *Sírvase ponerse en contacto con el fabricante o proveedor de los equipos para solicitar instrucciones sobre cómo devolver los equipos obsoletos para su correcto reciclado.*

**Documento importante. Guardar junto con los registros de los equipos.**

## DUTCH

Elektrische apparatuur die is voorzien van dit symbool mag na 12 augustus 2005 niet meer worden afgevoerd naar Europese openbare afvalsystemen. Conform Europese lokale en nationale wetgeving (EU-richtlijn 2002/96/EC) dienen gebruikers van elektrische apparaten voortaan hun oude of afgedankte apparatuur kosteloos voor recycling of vernietiging naar de producent terug te brengen.

**Nota:** *Als u apparatuur voor recycling terugbrengt, moet u contact opnemen met de producent of leverancier voor instructies voor het terugbrengen van de afgedankte apparatuur voor een juiste verwerking.*

**Belangrijk document. Bewaar het bij de productpapieren.**

## POLISH

Sprzęt elektryczny oznaczony takim symbolem nie może być likwidowany w europejskich systemach utylizacji po dniu 12 sierpnia 2005. Zgodnie z europejskimi, lokalnymi i państwowymi przepisami prawa (Dyrektywa Unii Europejskiej 2002/96/EC), użytkownicy sprzętu elektrycznego w Europie muszą obecnie przekazywać Producentowi stary sprzęt lub sprzęt po okresie użytkowania do bezpłatnej utylizacji.

**Uwaga:** *Aby przekazać sprzęt do recyklingu, należy zwrócić się do producenta lub dostawcy sprzętu w celu uzyskania instrukcji dotyczących procedur przekazywania do utylizacji sprzętu po okresie użytkowania.*

**Ważny dokument. Zachować z dokumentacją produktu.**

## PORTUGUESE

Qualquer equipamento eléctrico que ostente este símbolo não poderá ser eliminado através dos sistemas públicos europeus de tratamento de resíduos sólidos a partir de 12 de Agosto de 2005. De acordo com as normas locais e europeias (Directiva Europeia 2002/96/EC), os utilizadores europeus de equipamentos eléctricos deverão agora devolver os seus equipamentos velhos ou em fim de vida ao produtor para o respectivo tratamento sem quaisquer custos para o utilizador.

**Nota:** *No que toca à devolução para reciclagem, por favor, contacte o produtor ou fornecedor do equipamento para instruções de devolução de equipamento em fim de vida para a sua correcta eliminação.*

**Documento importante. Mantenha junto dos registos do produto.**